R08-19-M-001

Jefferson County Commission

118 W. Centennial

Post Office Box H

Boulder, Montana 59632-0249

(406) 225-4025 Voice / (406) 225-4148 Fax

Leonard Wortman, Chair Bob Mullen, Commissioner Cory Kirsch, Commissioner

January 29, 2019

EPA Region 8
Melisa Devincenzi
1595 Wynkoop Street (EPR-B)
Denver, CO 80202-1129

Re: Jefferson County Brownfields Multipurpose Grant – Montana State Training School

Dear Miss Devincenzi:

Jefferson County is pleased to submit this proposal to the U.S. EPA Brownfields Multipurpose Grant Program for asbestos-containing material abatement and lead-based paint remediation in Griffin Hall #9 and Cottage #5 on the South Campus of the Montana State Training School in Boulder, Montana. The goal of the project is to redevelop Cottage #5 for residential housing and Griffin Hall #9 with commercial development on the first floor and residential development on the second floor.

The project site is located on the South Campus of the State Training School near the Jefferson River within the City of Boulder, Montana (pop. 1248). The City is located 30 miles south of Helena, Montana on Interstate 15. The State of Montana built Griffin Hall #9 in 1912 and Cottage #5 in 1923 and operated the properties until it vacated the South Campus in the late 1970s. Jefferson County took ownership of the buildings in 2000 when the State relinquished its interest in the facility.

The project site is located at Boulder's south entrance on Montana Secondary Highway 69. The presence of brownfields and blighted property in this highly visible location detracts from the character of the Boulder community and create a sense of disregard and neglect that discourages new investment. In June 2017, Boulder's economic challenges intensified when the State of Montana closed the Montana Developmental Center (MDC) resulting in the loss of 250 jobs. Further job losses followed when the Riverside Corrections Facility closed effecting 25 employees. Jefferson County working with Jefferson Local Development Corporation and the EPA has completed Phase II Environmental Assessments of each building and has developed a plan to redevelop the site once cleanup is complete. For site cleanup, we request a total of $618,305.00 in EPA funding. The County commits to supporting the project with a minimum $40,000 match.

1. Applicant Information: Jefferson County
   P.O. Box H
   Boulder, Montana 59632-0249

2. Funding Requested:
   a. Grant Type: Multipurpose Grant
   b. Federal Funds Requested: $618,305.00 (Hazardous)
   c. Contamination: Hazardous (LBP and ACM)

3. Location: City of Boulder, Jefferson County, Montana

4. Contacts:
   a. Project Director:
      Tom Harrington, General Manager
      Jefferson Local Development Corporation
      P.O. Box 1079
      Whitehall, Montana 59759
      Phone: (406) 287-3282
      Email: tom.harrington@montana.edu

   b. Chief Elected Official/Highest Ranking Elected Official:
      Leonard Wortman, County Commission Chair
      Jefferson County
      P.O. Box H
      Boulder, Montana 59632-0249
      Phone: (406) 225-4025
      Email: lwortman@jeffersoncounty-mt.gov

5. Population:
   a. City of Boulder (project area): 1,248

6. Other Factors Checklist: Please see attached

7. Letter from the State or Tribal Environmental Authority: Please see attached

Thank you for considering our proposal. We look forward to working with your office on this very important project. Please feel free to contact me if you have any questions.

Sincerely,

Leonard Wortman

Leonard Wortman, Chair
Jefferson County Commission

DEQ
Montana Department
of Environmental Quality

January 24, 2019

Leonard Wortman
Jefferson County Commission
P.O. Box H
Boulder, MT 59635

RE: Letter of Acknowledgment: Jefferson County's Brownfields Grant Application for a Multipurpose Assessment and Cleanup Grant

Dear Mr. Wortman:

I am writing to express Montana Department of Environmental Quality's (DEQ's) acknowledgment of Jefferson County's efforts to obtain a U.S. Environmental Protection Agency Brownfields Multipurpose Assessment and Cleanup Grant.

I understand that the Multipurpose Grant funds will be used to assess and cleanup hazardous substances at the South Campus Montana State Training School in Boulder, MT. DEQ understands that this funding is essential in Jefferson County's efforts in repurposing/redeveloping this property. DEQ supports Brownfields efforts in Montana, and wishes to promote assessment and cleanup activities that allow contaminated properties to be put into productive and beneficial use.

If you have any questions or comments about petroleum brownfield sites, please feel free to call Brandon Kingsbury at 406-444-6547 or email him at bkingsbury@mt.gov. If you have any questions or comments about hazardous substance brownfields sites, please contact Jason Seyler at (406) 444-6447 or jseyler@mt.gov.

Sincerely,

Jenny Chambers, Administrator
DEQ Waste Management & Remediation Division

ec: Jason Seyler; Brownfields Coordinator; Cleanup, Protection, and Redevelopment Section; jseyler@mt.gov
Brandon Kingsbury; Petroleum Brownfields Coordinator; Petroleum Technical Section; bkingsbury@mt.gov

1. PROJECT AREA DESCRIPTION AND PLANS FOR REVITALIZATION

1.a. Target Area and Brownfields

1.a.i. Background and Description of Target Area: The project area is located on the boundary of the City of Boulder, Jefferson County, Montana. The community of Boulder began in the 1860s as a stagecoach stop on the line between Fort Benton and Butte. By 1888 when the Great Northern Railway's line between Helena and Butte came through Boulder, the City had established itself as a center for mining and agriculture. Boulder experienced steady growth into the 1970s with a peak population of 1,441 in 1980. The State's downsizing of Montana State Training School, record inflation, and low prices for agricultural commodities strained the local economy, and the population started to decline. The City's current population is 1,243, and once again the community is experiencing economic distress with the closure of the Montana Developmental Center (MDC) in June 2017 that eliminated 250 full-time jobs. The community lost 25 more jobs with the closure of the Riverside Women's Correctional facility. The Census Block Group 962202-1 indicates the community has lost population and the median and per capita income levels are significantly below state and federal averages, and these statistics coupled with a high poverty rate of 23.9% compound the community distress and need for economic development and job creation.

Today, the redevelopment of the South Campus represents an urgent need within the community. The South Campus is located at Boulder's south entrance on Montana Secondary Highway 69. The presence of brownfields and blighted property in this highly visible location detracts from the character of Boulder and create a sense of disregard and neglect that discourages new investment. The two buildings targeted for cleanup are Griffin Hall #9 and Cottage #5 each of which has been vacant since the 1980s. Jefferson County took the title of the South Campus in 2000. Despite their dilapidated condition, each building has tremendous redevelopment potential given the location less than two miles from Interstate 15, direct access to Secondary Highway 69, and connections to the City's water and wastewater systems. Also, Boulder's location on the banks of the Boulder River in a mountain valley renowned for its spectacular scenery gives the site a tremendous upside once the County removes the hazardous materials present in each building.

1.a.ii Description of Priority Brownfield Sites: The brownfields properties to be cleaned up under this grant include Cottage #5 and Griffin Hall #9 located on Venture Way on the South Campus of the Montana Development Center (MDC), which was formerly known as the Montana State Training School (School) in Boulder. Griffin Hall was constructed in 1912 and for a time was known as the "feeble-minded building." The School utilized the building for recreation, cooking, dining, classrooms, dormitories, and other uses until 1986; when the property was left vacant. Cottage #5 was constructed in 1923 and was utilized as a dormitory for the State Training School and was operated as a dormitory until the 1980s. Each building was listed as a contributing property to the Montana State Training School Historic District, on the National Register of Historic Places, in 2014. Jefferson County along with its project partner, Jefferson Local

Development Corporation (JLDC) is interested in redeveloping each building for residential, commercial or a combination of both.

The Phase I ESA completed by START (WESTON, 2016) identified the possibility of asbestos-containing material (ACM), lead-based paint (LBP) and other environmental hazards being present, due to the age of each building. The Environmental Protection Agency (EPA) tasked the Weston Solution, Inc. (Weston) Superfund Technical Assessment and Response Team (Smart) to assist the EPA in conducting Phase II Environmental Site Assessments (ESA) for each building. Phase II assessment fieldwork was conducted on August 3, 4, and 5, 2016 with supplementary sampling on October 25 and 26, 2018.

Each Phase II ESA was conducted in accordance with Technical Direction Document (TDD) 0003/1808-05 and ASTM, International (ASTM) E1903-11– Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process. The purpose of a Phase II ESA is to achieve the objectives outlined in the Statement of Objectives (SOO) developed by the EPA, user(s), and the Phase II Assessor. Goals for this Phase II ESA were to acquire and evaluate enough information to determine the location and concentration of potential environmental contamination at each Site if present. The specific SOO for this Phase II ESA was as follows:

- Perform a data gap assessment for the on-site building for ACM to supplement previous sampling results.
- Develop enough information to render a reasonable professional opinion whether hazardous substances either are or are not present at the Site with respect to the potential concerns assessed. If present, include concentrations of hazardous substances based on field screening and/or laboratory analysis of samples.
- Gather and provide enough data to assist the TBA recipient in making informed decisions about the future use of the property.
- Obtain enough data to support conceptual remediation cost estimates, if necessary.

Results of the Phase II ESAs have confirmed the presence of contaminants of concern (COCs) at each Site including Asbestos-Containing Material (ACM) and Lead-Based Paint (LBP). In addition to ACM and LBP, Polychlorinated Biphenyls (PCBs) were also identified as a COC in Cottage #5.

1.b. Revitalization of Target Area

1.b.i Overall Plan for Revitalization: The project to be funded under this grant aligns with the City of Boulder's land use and revitalization plans, most specifically the 2018 City of Boulder Growth Policy and Making Boulder's Future Bright Master Plan. The remediation of the hazardous materials will make it possible for Youth Dynamics to act on its plan to either renovate existing buildings or build new residential facilities to support its programs. Youth Dynamics currently uses Building 7 and 8 on the campus. Building 8 requires upgrades and will be vacated once the program spaces are remodeled to be accommodated elsewhere. In

Building 7 currently used by Youth Dynamics, existing concerns and deficiencies consist of spaces that were not specifically designed to support their programs. Building 7 is also not set up for expansion. A make-do attitude has enabled the staff and residents to make use of the spaces; however, to improve the kids and staff experiences, safety through better sight lines, staff visibility, comfortability, durable, and modern finishes is essential. With Youth Dynamic's programs being critical for their clients, the fact that the existing building does not include private bedrooms, updated accessible single-user restrooms, central visibility and security, one point of visitor contact, and limited lighting, Youth Dynamics' plan is to renovate or seek new construction in order to better serve their residential programs. If this goal is not reached, substantial renovation work will result in the displacement of staff and residents while the work is completed, causing significant disruption to treatment and support for the children they serve.

The potential for expansion is almost unlimited because the need for the services that Youth Dynamic provides is so great. The U.S. Center for Disease Control and Prevention has reported up to 20 percent of children in the United States suffer from a mental disorder, and the percentage of kids being diagnosed has been rising for over a decade. The report estimated $247 billion per year is spent on medical bills, special education and juvenile justice in the U.S. If untreated, these individuals will often have trouble learning in school and building relationships later in life and are at risk for developing mental illnesses as adults. In Montana alone, $122,717,757 was spent on children's Medicaid mental health and CSCT (Comprehensive Schools & Community Treatment) in 2014. Youth Dynamics was involved with $11,821,655 of that total and continues to grow as demands increase. Since 2009, the number of Montana children in foster care each month, and the number of children's mental health clients have nearly doubled. These numbers are predicted to continue to grow.

Youth Dynamics is growing and staffing level due to an increased need for their services and an incredible level of service to local children. They plan to increase the capacity of the organization to serve youth with treatable negative behaviors to make progress towards a healthier future for themselves, their family, and their community. As the only Montana providers of treatment for highly-sexualized behaviors and substance abuse programs that specifically serve children who meet SED (Serious Emotional Disturbance) Criteria, there currently isn't another option for many Montana youth to receive help. Youth Dynamics must have the capacity to continue its important work, and the proposed project will help provide that capacity and with it the creation of jobs for the residents of Boulder.

1.b.ii Outcomes and Benefits of Overall Plan for Revitalization: The redevelopment of the project site will enable Youth Dynamics to increase the number of mentally ill children it can help, which would result in an increase of staff and day treatment and would have a potentially significant economic impact on the City of Boulder and Jefferson County. The redevelopment strategy would also improve the City's appearance. The project site is located at Boulder's south entrance on Montana Secondary Highway 69. The presence of brownfields and blighted property in this prominent location detracts from Boulder's character and create a sense of

disregard and neglect that discourages new investment. By creating jobs and improving the appearance of the project site, the redevelopment strategy developed by Jefferson County, Jefferson Local Development Corporation, and the City of Boulder will make the community more appealing to its residents, tourists, and investors.

1.c Strategy for Leveraging Resources

1.c.i Resources Needed for Site Reuse: Jefferson County and its project partner Jefferson Local Development Corporation (JLDC) have limited funding for cleanup, remediation or demolition. The opportunity to clean up and remediate the Griffin Building #9 and Cottage #5 is currently beyond each entity's capabilities and using the EPA funding would enhance the ability for the renovation of these historic buildings for community economic development to help mitigate the impacts from losing the major community employer. However, once the remediation work is complete Youth Dynamics can initiate its expansion plan, Jefferson County and JLDC each have access to funding to help facilitate that process. For example, because of the loss of 275 jobs, Jefferson County or the City of Boulder may qualify for Economic Development Administration (EDA) Public Works or Economic Adjustment Assistance Programs to improve infrastructure such as water, wastewater, roads, broadband infrastructure, and whatever else may be identified as a need. Funding is also available through Montana's Community Development Block Grant Program, Big Sky Trust Fund Program, and USDA Rural Development.

Jefferson County and JLDC are also investigating the use of Historic Preservation Tax Credits, New Market Tax Credits, and New Market Tax Credits to attract private capital to the redevelopment of the South Campus. The site's listing on the National Register of Historic Places enables the use of Historic Preservation Tax Credits. The National Park Service administers the program with the Internal Revenue Service in partnership with State Historic Preservation Offices. The tax incentives promote the rehabilitation of historic structures of every period, size, style, and type. They are instrumental in preserving the historical places that give cities, towns and rural areas their special character.

The tax incentives for preservation attract private investment to the historic downtowns and neighborhoods of cities and towns. They also generate jobs, enhance property values, and augment revenues for State and local governments through increased property, business, and income taxes. The Preservation Tax Incentives also help create moderate and low-income housing in historic buildings. Through this program, abandoned or underused schools, warehouses, factories, retail stores, apartments, and hotels throughout the country have been restored and redeveloped in a manner that maintains their historic character. The New Markets Tax Credit Program attracts private capital into low-income communities by permitting individual and corporate investors to receive a tax credit against their federal income tax in exchange for making equity investments in specialized financial intermediaries called Community Development Entities (CDEs) that serve Low-Income Communities. The credit totals 39 percent of the original investment amount and is claimed over a period of seven years. The Program was established as part of the Community Renewal Tax Relief Act of 2000. The goal of the program is to spur revitalization efforts of low-income and impoverished communities across the

United States and Territories. The NMTC Program provides tax credit incentives to investors for equity investments in certified Community Development Entities, which invest in low-income communities. The credit equals 39% of the investment paid out (5% in each of the first three years, then 6% in the final four years, for a total of 39%) over seven years (more accurately, six years and one day of the seventh year). A CDE must have a primary mission of investing in low-income communities and persons.

Being able to leverage private sector investment with state and federal grants and low-interest loans as well as tax credits Jefferson County and JLDC will encourage Youth Dynamics and others to invest in the redevelopment of the site, provide critical services, enhance the local tax base and create jobs.

1.c.ii Use of Existing Infrastructure: The South Campus is connected to the City of Boulder's water and wastewater systems. The presence of this infrastructure enhances the redevelopment value of the property. The property also enjoys easy access to Montana Secondary Highway 69 and is less than two miles from Interstate 15.

2. COMMUNITY NEED AND COMMUNITY ENGAGEMENT

2.a Community Need

2.a.I The Community's Need for Funding: The City of Boulder's median household income (MHI) is significantly lower than in Jefferson County and the State of Montana and poverty rates are much higher. According to the 2010-2014 American Community Survey, Boulder's MHI is $37,375, while Jefferson County has an MHI of $61,460. The MHI for the state of Montana is $46,766. Boulder's poverty rate is 23.8%, versus 9.0% for Jefferson County and 15.3% for Montana. Jefferson County and JLDC cannot finance on their own the cleanup, remediation or demolition. The opportunity to remediate the South Campus properties are currently beyond their capabilities, and they are confident that by partnering with the EPA and the Brownfields Cleanup Grant Program they can significantly enhance their ability for renovating and redevelop the South Campus site for community economic development that would help mitigate the impacts of losing Boulder's major employer.

2.a.ii Threats to Sensitive Populations:

(1) Health of Welfare of Sensitive Populations: The proposed project would make it possible for Youth Dynamics to act on its plan to either renovate existing buildings or build new residential facilities to support its programs. Youth Dynamics currently uses Building 7 and 8 on the campus. A preliminary architectural report (PAR) commissioned by Jefferson County in 2016 noted that Building 8 requires upgrades and will be vacated once the program spaces are remodeled to be accommodated elsewhere. In Building 7's existing concerns and deficiencies consist of spaces that were not specifically designed to support their programs. Building 7 is also not set up for expansion. A make-do attitude has enabled the staff and residents to make use of the spaces; however, to improve the kids and staff experiences, safety through better sight lines, staff visibility, comfortability, durable, and modern finishes is essential. Youth Dynamics plans to renovate or seek new construction to better serve their residential

programs. If this goal is not reached, substantial renovation work will result in the displacement of staff and residents while the work is completed, causing significant disruption to treatment and support for the children they serve. The need for the services Youth Dynamics provides is staggering.
In Montana alone, $122,717,757 was spent on children's Medicaid mental health and CSCT (Comprehensive Schools & Community Treatment) in 2014. Youth Dynamics was involved with $11,821,655 of that total and continues to grow as demands increase. Since 2009, the number of Montana children in foster care each month, and the number of children's mental health clients have nearly doubled. These numbers are predicted to continue to grow.

The proposed project supports Youth Dynamics' plan to increase the capacity of the organization to serve youth with treatable negative behaviors to make progress towards a healthier future for themselves, their family, and their community. As the only Montana providers of treatment for highly-sexualized behaviors and substance abuse programs that specifically serve children who meet SED (Serious Emotional Disturbance) Criteria, there currently isn't another option for many Montana youth to receive help. Youth Dynamics must have the capacity to continue its important work, and the proposed project will help provide that capacity and with it the creation of jobs for the residents of Boulder.

Also, approximately one-third of Boulder's residents can be classified as belonging to a population as indicated by the following table.

Table 1 – Sensitive Populations

Percentage of Boulder Residents Belonging to Sensitive Populations	
Minorities	4.1%
Over 65 Years Old	10.9%
Children	12.0%
Women of Child Bearing Age	6.4%
Source: American Community Survey 5-year estimates 2012-2016 data	

(2) Greater Than Normal Incidence of Disease and Adverse Health Conditions: Contamination from brownfields within the Target Area may expose the public and the children that reside near the project area in the residential treatment facilities operated by Youth Dynamics, to potential health impacts through exposure routes such as inhalation, ingestion, and dermal contact. The health concerns of the suspect contaminants (asbestos, lead, and PCBs) include higher incidents of cancer, harm to the immune system, nervous system, and endocrine system.

No health data exists for the project area or the City of Boulder. The public is currently unsure as to the degree of risk from possible harmful contaminants present in the structures targeted for remediation.

(3) Economically Impoverished/Disproportionally Impacted Populations: The City of Boulder is a bit of a paradox. It is the county seat for Jefferson County, which has one of the highest

median household incomes (MHI) at $61,460. Boulder's MHI according to 2010-2014 American Community Survey data is $37,375, and the poverty rate is 23.8% versus 9.0% for the entire County. 31% of the elementary school students and 35% of the students in grades 7 & 8 qualify for free or reduced-price school meals. According to 2016, American Community Survey data 33% of the population under 18 live in poverty. The closure of the Montana Developmental Center in 2017 resulted in the loss of 250 jobs and put further strain on an economically fragile population.

2.b Community Engagement

2.b.i Community Involvement: Jefferson County and Jefferson Local Development Corporation are the project's lead entities with the support of Youth Dynamics Inc. Jefferson County is the entity that will apply for state and federal funding that will provide necessary resources to support the redevelopment of Griffin Hall #9 and Cottage #5 and ultimately the entire South Campus project site.

Table 2 – Point of Contact Information

Partner Name	Point of Contact	Specific Role
Jefferson County	Leonard Wortman (406) 225-4025 lwortman@jeffersoncounty-mt.gov	Oversee administration of EPA funding and engage government agencies to secure further finance support and technical assistance for redevelopment activities.
Jefferson Local Development Corp.	Tom Harrington (406) 225-4025 tom.harrington@montana.edu	Assist with project management and facilitate community engagement
Youth Dynamics, Inc.	Dennis Sulser, Ed. D. (406) 569-1333	Oversee the redevelopment of the Griffin Building # and Cottage #5 as residential treatment facilities.

2.b.ii Incorporating Community Input: Jefferson County and Jefferson Local Development Corporation (JLDC) will maintain a high level of community engagement by a range of venues. Public discussions held as part of regular meetings of the Jefferson County Commission, the Boulder Transition Advisory Committee (BTAC) which the City of Boulder hosts each month, and other meetings involving members of the public are an effective method for engaging the public this is tight-knit community members. Public meetings concerning the project will be held at the Jefferson County Clerk and Recorder Office and the Boulder Town Hall. The date and time of any public meetings will be advertised in the Boulder Monitor at least a week prior, posted on the Jefferson County website, and the Notice Board at City Hall. JLDC hosts quarterly business roundtables in northern Jefferson County where it will give project updates and take public comment. JLDC will also be an on-going source of general information to the public on the site remediation. Various

media will also be utilized including public notices, press releases, the County's website, and presentations before community organizations, as well as handouts.

3. TASK DESCRIPTIONS, COST ESTIMATES, AND MEASURING PROGRESS

3.a Description of Tasks and Activities:

Task 1 – Cooperative Agreement Oversight: The County will procure the services of a Qualified Environmental Professional (QEP) including a Montana Licensed Site Professional (LSP) to oversee all response actions in each building. Tom will assist the County in the overall management of the project including procurement, preparation, and submission of required reports, updates to EPA's ACRES database and requests for reimbursement. We estimate grant management expenses of $3,100. The estimated contract amount for the QEP is $5,000.

Task 2 – Community Outreach & Engagement: The County and Jefferson Local Development Corporation General Manager Tom Harrington will engage the Boulder community include the Boulder Transition Advisory Committee, realtors, property owners, developers, and community health officials throughout the cleanup process. The QEP will develop a Community Relations Plan (CRP) and prepare and advertise an Analysis of Brownfield Cleanup Alternatives (ABCA). The County will hold a public meeting to discuss the Draft ABCA and solicit comments and encourage participation from the community on the proposed cleanup plan. Four additional public meetings will be held before, during, and after remediation activities. We estimate grant management expenses of $3,100 and QEP expenses of $5,000 = $7,500). Supplies will include meeting flyers, handouts for public meetings and site factsheets ($200 per meeting x 5 meetings = $1,000). The County will provide in-kind support toward participation in the public meetings and providing ongoing communication to EPA and Montana DEQ at an estimated cost of $1,900 (36 hours at $50/hr). Outputs include CRP, Draft ABCA, Final ABCA, meeting minutes from public meetings, presentation materials, and site fact sheets.

Task 3 – Site-Specific Activities: The QEP will develop site-related documents pertaining to clean up, and a contractor will be procured to perform remediation including abatement of hazardous building materials. The QEP will prepare a Site-specific Quality Assurance Project Plan (QAPP) and a Health and Safety Plan (HASP) for review and approval by EPA before the commencement of work. The QEP will also prepare a Release Abatement Measure (RAM) for submission to the Montana Department of Environmental Quality (MDEQ) before the commencement of remediation activities. Also, the QEP will prepare technical specifications for hazardous building materials abatement and offsite recycling/disposal. We estimate QEP expenses of $12,500.

We estimate grant management expenses of $7,000 to help the County with procurement and oversight of cleanup contractors and review of certified payrolls. The estimated cost to conduct the Griffin Hall #9 cleanup is $427,025: $381,294 for ACM abatement and disposal and $45,731 for LBT encapsulation and removal of ceramic tiles. The estimated cost to conduct the Cottage #5 cleanup is $191,280: $125,538 for ACM abatement and disposal and $65,742 for LBP encapsulation. The County will provide a cost share of $35,000 which will be from a combination of in-kind services and cash contributions. In-kind services include project oversight and procurement conducted by the Director of Community Development, legal services, clearing/grubbing of the site, dust suppression during soil excavation, and removal of coal on the

ground surface by the DPW, and police detail. Outputs will include a Site-Specific QAPP, RAM Plan, SMP Plan, and technical specifications for hazardous building materials abatement and soil excavation and offsite recycling/disposal.

Task 4 – Regulatory Closure Reporting: A RAM Completion Report will be submitted to MDEQ. Estimated costs to prepare the above documents are $2,000 for the RAM Completion Report.

3.b Costs Estimates and Outputs

Table 3 – Budget Table

Budget Categories		Project Tasks (4)				
		Task 1 - Cooperative Agreement Oversight	Task 2 - Community Outreach and Engagement	Task 3 - Site Specific Activities	Task 4 - Regulator Closure Reporting	Total
Direct Costs	Personnel	$0	$0	$0	$0	$0
	Fringe Benefits	$0	$0	$0	$0	$0
	Travel	$0	$0	$0	$0	$0
	Equipment	$0	$0	$0	$0	$0
	Supplies	$0	$0	$0	$0	$0
	Contractual	$10,000	$8,500	$638,105	$2,000	$658,605
	Other	$0	$0	$0	$0	$0
Total Direct Costs		$10,000	$8,500	$638,105	$2,000	$658,605
Indirect Costs		$0	$0	$0	$0	$0
Total Federal Funding		$0	$0	$618,605		$618,605
Cost Share ($40,000)		$10,000	$8,500	$19,500	$2,000	$40,000
Total Budget		$10,000	$8,500	$638,105	$2,000	$658,605

3.c Measuring Environmental Results

Jefferson County will work with the grant manager, QEP, and EPA to track, measure and evaluate our progress in achieving project outcomes, outputs and project results. The County will develop a Workplan for approval by EPA Region 8 which will outline anticipated outputs and outcomes. This information will be tracked in the quarterly and final reports. The County will utilize the Assessment, Cleanup and Redevelopment Exchange System (ACRES) to report, document and track information such as funding received, contamination present, acres cleaned up, buildings redeveloped, and funds leveraged. Jefferson County will also work closely with our Project Manager Tom Harrington to track, measure and evaluate our progress

.

Anticipated outcomes include: Two buildings remediated minimizing exposure to hazardous materials and reducing health and safety risks. Anticipated Outputs include: a signed contract with a QEP, 8 Quarterly reports and MBE/WBE reporting, a Community Relations Plan (CRP), Draft ABCA, Final ABCA, meeting minutes from public meetings, presentation materials and site fact sheets, a Site-Specific QAPP, RAM Plan, SMP Plan, technical specifications for hazardous building

materials abatement and a RAM Completion Report, and a Permanent Solution Report.

4. PROGRAMMATIC CAPABILITY AND PAST PERFORMANCE

4.a. Programmatic Capability

4.a.i Organizational Structure and Experience:

The Jefferson County Commission will be the responsible party for ensuring the completion of all administrative, technical, and financial requirements of the grant project. Jefferson County intends to solicit the services of a grant manager for assistance in meeting the project management and reporting requirements of the grant and will include Jefferson Local Development Corporation (JLDC) in such a solicitation. JLDC has extensive experience in managing state and federal funding and routinely assists Jefferson County with many community development projects. Tom Harrington has over 20 years of project development and management experience, and Bonnie Ramey has served as Jefferson County's Clerk and Recorder for 34 years. With Tom and Bonnie assisting the Commissioners, Jefferson County will comply with all federal programmatic requirements.

4.b.i Past Performance and Accomplishments

4.b.ii Has Not Received an EPA Brownfields Grant but has Received Other Federal or Non-Federal Assistance Agreements:

4.b.(1) Accomplishments

In 2016, Jefferson County received a Community Development Block Grant (CDBG) Planning Grant from the Montana Department of Commerce to development a Preliminary Architectural Report (PAR) to identify alternatives for Youth Dynamics, Inc. to expand the services it provides mentally ill children at its facilities located on the South Compass (See Figure 1). The estimated cost to renovate Dormitory Building #6 is $6-million and Youth Dynamics and JLDC determine that the best option was to remediate the COCs present in the structure and demolish the building.

4.b.(2) Compliance with Grant Requirements

Jefferson County complied with the administrative requirements associated with Montana's CDBG grant funding. The County procured the services of an architectural firm to prepare the PAR and the document was completed on scheduled, the grant funds were releases, and the Montana Department of Commerce has closed the grant agreement.

Threshold Criteria Response and Attachments

1. **Applicant Eligibility**

   Jefferson County, Montana is a General-Purpose Unit of Local Government as defined under 2 CRF § 200.64.

2. **Community Involvement**

   The County and Jefferson Local Development Corporation General Manager Tom Harrington will engage the Boulder community include the Boulder Transition Advisory Committee, realtors, property owners, developers, and community health officials throughout the cleanup process. The Qualified QEP will develop a Community Relations Plan (CRP) and prepare and advertise an Analysis of Brownfield Cleanup Alternatives (ABCA). The County will hold a public meeting to discuss the Draft ABCA and solicit comments and encourage participation from the community on the proposed cleanup plan. Four additional public meetings will be held before, during, and after remediation activities.

3. **Target Area**

   The project are Griffin Hall #9 and Cottage #5 located on Venture Way on the South Campus of Montana State Training School in Boulder, Montana. (See Figure #1)

4. **Affirmation of Brownfield Ownership**

   i. Jefferson County owns Griffin Hall #9 and Cottage #5 each of which meets the CERCLA § 101 (39) definition of a brownfield. Jefferson County took ownership of the properties in 2000. Griffin Hall #9 was constructed in 1912 and Cottage #5 in 1923. In 2016, a Phase I ESA completed by the Westin Solution, Inc. Superfund Technical Assessment and Response Team (SMART) of each building identified the possibility of asbestos containing material (ACM) and lead-based paint (LBP) being present due to the age of each structure. A Phase II ESA completed in October 2018, confirmed the presence of contaminant of concern, specifically AMC and LBP.

   ii. Jefferson County did not own or operate a facility at the time of either building was constructed, did not arrange for the treatment or disposal of hazardous substances, or accept hazardous substances for transport to disposal or treatment facilities at the site.

   iii. Each building meets the CERCLA § 101(39) definition of a brownfield. And

   a) Neither building is listed on the National Priorities List
   b) Is not subject to unilateral orders, court orders, administrative orders on consent, or judicial decrees issued under CERCLA; and
   c) not subject to the jurisdiction, custody, or control of the United State government.

5. **Required Cost Share**

   Jefferson County has obligated $40,000 in cash to pay for project administration and QEP services.

Description of Community Involvement

Boulder Transition Advisory Committee (BTAC)
Meeting Minutes
Thursday, January 3, 2019

1. The BTAC regular meeting was called to order at the Boulder City Hall at 8:03 a.m. by Drew Dawson. Twenty-seven individuals attended. Guest Representative-elect Greg DeVries.
2. A motion to approve the December meeting minutes was made, seconded, and passed.
3. Information provided from area leaders and organizations:
    a. Chamber. New officers and directors have been identified and will assume positions next week.
    b. Boulder Schools. Added two more dual credit coding classes through Highland College. Received one of eight national Mental Health grants as a pilot program. Around 50 teams attended the Mariah's Challenge basketball competition.
    c. City of Boulder. Working with internet provider to expand services. City boundary project is in progress. Working on land donation for animal shelter.
    d. Faith Group Support. Supported several outreach organizations with proceeds from fundraising events.
    e. Elkhorn Foundation. Next meeting is January 8th.
    f. Jefferson County Commission. Working on the Cowboy Hall of Fame proposal. Working on MDC buildings usage. Following animal shelter proposal. Announced Dan Ellison as county lobby individual.
    g. County Events. Recreation and tourism website will be launched next week. Working on both the Whitehall and Boulder Halloween projects. Recreation Park scheduling will be online for booking and paying for events.
    h. IBC. Beds are full with four residents waiting community placement. Specialized staff shortfalls exist. Director visit indicated no more layoffs at the facility, but some positions will be cut.
    i. JLDC. Warehouse building construction is complete, and new tenants have occupied the facility. South Campus building EPA inspections are finalized, and kitchen demolition project is moving forward. EPA cleanup grants are being submitted for Building 5, 6, and 9 with a public hearing later in the month. New Extension agent, Kaleena Miller, starts in February. Working Boulder Development Board projects.
    j. YDI. 32 residents at facility. Working staffing shortfalls. Appreciated the Chamber Christmas donation.
    k. Riverside. Janine Ford joined as the new Riverside representative. The facility is undergoing remodeling for 28 beds for older male prisoners. There will be several nursing positions to handle the client needs. The previous workforce was reduced to three individuals, and hiring for the new facility is progressing with preference for previous staff.
4. Master Plan Implementation.
    a. Boulder Development Fund. Reviewed the nine items that have been approved by Commerce and the status of new proposals that have been submitted. The business revolving loan fund is waiting for funds to start the program. Boulder website is being developed. The downtown façade program is being reviewed. Veterans Park Request for Proposals (RFP's) are under review for outdoor restroom, lighting, kiosk, and city hall painting.
    b. Community Health Committee. County medical needs assessment is progressing. MEDA community health/tourism assessment is pending approval. Mental health Thrive Program presentation pending. Every Thursday at the library is a health related educational session. The current topic is Hospice.
    c. Marketing Committee. Reviewed four Boulder Branding proposals and recommended Windfall, Inc. be forwarded to the city council for approval.
    d. Client-Centered Services Facilities Committee. Working on legislative actions. State pay plan for employees needs to be reviewed and come in line with private industry to help with staffing issues.
    e. MDC Facility Reutilization. Group toured the facilities and progress is being made to get the property survey done. Boulder and county have stepped up to support the survey funding if needed to keep the process moving forward. Veterans programs are being researched, and the potential for a multi-faceted facility exist. Letters were sent to area legislators encouraging reutilization support.
    f. Downtown Master Plan/Growth Policy Update. Adopted by the city council.
5. Fairgrounds. Draft master plan being reviewed, and next step is commission approval and public meeting.
6. Public Comment. Comment that BTAC is well attended and provides a good information conduit on what is happening in the community. Teen Super Bowl party is upcoming.
7. Meeting adjourned at 9:09 a.m. Next meeting February 7th at 8 a.m. at the Boulder City Hall.

Do your kids think vaping is safe?

By the AMERICAN COUNSELING ASSOCIATION

While we're all aware that cigarette smoking is dangerous and unhealthy, it's still a very serious and difficult addiction for many. And while most smokers may want to quit, most of them certainly don't want their children to ever start smoking.

Unfortunately, many kids have turned to vaping, those electronic substitutes for cigarettes, because they, and often their parents, are under the mistaken impression that it's safer. It's not. The nicotine in electronic cigarettes is highly addictive and the other chemicals involved can harm health.

Vaping manufacturers were quick to realize the appeal this new form of smoking could have for young people, producing various fruit flavors to make the product more enjoyable. Although the Food and Drug Administration has said it may regulate vaping, for now kids are still vaping in growing numbers.

The health issues associated with vaping are many. Because it isn't regulated by the FDA, when a package shows the amount of nicotine in the product, it may not always be accurate. Some vaping cartridges labeled "no nicotine" were still found to have nicotine present when tested.

The chemicals used in these products are also dangerous. Most vaping cartridges use propylene glycol to create the "vapor" these products produce. It's a chemical used in many household products, such as hand sanitizer, antifreeze and deodorants — nothing you ever want to put in your mouth. It's also used as an aircraft de-icer.

Most vaping cartridges contain over 720 milligrams of nicotine that's released in small doses when "smoked." Nicotine is highly addictive and can be fatally poisonous in amounts as small as 40 to 50 milligrams. These cartridges are a real, possibly fatal danger if a small child or a pet should eat one.

Vaping is still new enough that there are no studies on what the long term health effects might be. What has been shown already is that there's no evidence that it helps an individual stop smoking, and studies have found that found vaping for as little as 10 minutes can worsen lung function.

If your kids think vaping is a safe alternative, have a serious talk with them. The unknown health risks they may be facing aren't worth "looking cool" with this new addiction. Discouraging this practice now can mean healthier kids in the future.

Visit the ACA website at www.counseling.org.

JEFFCO FOOD SHARE

PO Box 244, Boulder, MT

JeffCo Food Share is open the second Thursday each month from noon to 3 p.m. at the Boulder Assembly of God, 502 North Jackson, Boulder. JeffCo Food Share provides food at no charge to in-need families and individuals.

More legal notices on pages 2 & 13

City of Boulder: Notice

The Board of Adjustments (Variance Committee) plans to meet on February 5, 2019 at 3:30 p.m. at City Hall to discuss a variance request submitted by David Kosola for a set-back adjustment for the property of 322 W. 2nd Avenue, Boulder, Montana.

19-009 Pub shed n the Bou der Mon tor Jan. 23 & 30, 2019 MNAXLP

Jefferson County: Notice

The Clerk and Recorder of Jefferson County has completed the annual financial statement for fiscal year 2018. The annual statement is available and will be provided upon request from the county clerk.

19-011 Pub shed n the Bou der Mon tor Jan. 23, 2019 MNAXLP

City of Boulder: Notice

Due to term expirations, there are (4) vacancies on the Board of Adjustments. Committee members are appointed for a 3-year term. Anyone interested in serving on this committee is asked to submit a letter of interest by Friday, February 8, 2019 at 4:00 p.m. to: City of Boulder, 304 North Main Street, PO Box 68, Boulder, MT 59632.

19-010 Pub shed n the Bou der Mon tor Jan. 23 & 30, 2019 MNAXLP

NOTICE: PUBLIC HEARINGS

The Jefferson County Board of Commissioners will be holding a series of public hearings to obtain public comments regarding a solid waste system preliminary engineering report (PER) and possible applications to the State of Montana's Treasure State Program and USDA Rural Development. The pubic will be given the opportunity to comment on the project alternatives considered to the county-wide solid waste handling system. The public can also comment on the potential environmental impacts of the proposed improvements.

At the hearings, the county's engineer will explain the purpose of the project and project area, scope of work, budget, possible sources of funding, and any costs that may result for Jefferson County residents because of the project. Everyone will have the opportunity to ask questions and to express his or her opinions regarding the project and its effect on the environment. Comments may be given orally at the hearing or submitted in writing by February 15, 2019. You may also send your written comments to the Jefferson County Commissioners at PO Box H, Boulder, MT, 59632 or to commissioners@jeffersoncounty-mt.gov.

For more information, contact Project Manager Bob Church, P.E., Great West Engineering at (406) 495-6177 or at bchurch@greatwesteng.com.

The Public Hearing schedule is as follows. All meeting will start at 6:00 p.m.

February 4th - Clerk and Recorder building - Boulder
February 5th - Borden's Hotel conference room - Whitehall
February 6th - Community Hall - Basin
February 7th - Community Center - Jefferson City
February 11th - Clancy Elementary School board room - Clancy
February 12th - Fire Hall - Montana City

Jefferson County Board of Commissioners Leonard Wortman, Presiding Officer

LEGAL NOTICES

**MONTANA FIFTY JUDICIAL DISTRICT COURT
JEFFERSON COUNTY
IN THE MATTER OF THE ESTATE OF
MAXINE VONA HEMUND, A/K/A VONA MAXINE HEMUND,**
Deceased.
Dept. No.
Cause No. DP-19-01
NOTICE TO CREDITORS

NOTICE IS HEREBY GIVEN that the unders gned has been appo nted Persona Representat ve of the above named Estate. A persons hav ng c a ms aga nst the sa d deceased are requ red to present the r c a ms w th n four (4) months after the date of the first pub cat on of th s Not ce or sa d c a ms w be forever barred.

C a ms must e ther be ma ed to TAMARA GEORGENE ANDIE, A/K/A TAMARA GEORGINE ANDIE, the Persona Representat ve, return rece pt requested, c/o Goodr ch & Ree y, PLLC, 3819 Stephens Avenue, Su te 201, M ssou a, Montana 59801, or fi ed w th the C erk of the above entt ed Court.

DATED th s 14th day of January, 2019.
Tamara Georgene And e
Persona Representat ve
GOODRICH & REELY, PLLC
3819 Stephens Avenue, Su te 201
M ssou a, Montana 59801
Attorneys for the Persona Representat ve
By: Shane N. Ree y, Esq.

Legal 19-007 Pub shed n the Bou der **Monitor** Jan. 23 and 30 and Feb. 6, 2019. MNAXLP

**Jefferson Local Development Corporation
Notice of Intent to Apply for EPA Cleanup Grant: Public Meeting**

Jefferson Loca Deve opment Corporat on (JLDC) ntends to subm t a proposa for an EPA Brownfie ds C eanup Grant n order to conduct c eanup act v t es at the South Campus Montana State Tra n ng Schoo – Dorm tory #6 n Bou der, Montana. JLDC n cooperat on w th the Jefferson County Comm ss oners w conduct a pub c meetng on January 29, 2019 at 2:00 PM at the Office of C erk and Recorder at 102 S. Monroe Street, Bou der, MT.

JLDC s host ng the meet ng n conjunct on the Jefferson County Comm ss oners to so c t pub c comments and d scuss the C eanup Reports for Northern Dorm tory #6 on the South Campus of the Montana State Tra n ng Schoo n Bou der. Pub c comments may be subm tted v a ema to Tom Harr ngton at tom.harr ngton@montana.edu.

Cop es of the draft proposa and C eanup Report w be ava ab e on January 28, 2019 at JLDC's office at 103 West Leg on Avenue n Wh teha and at the Comm ss oner's Office n the Jefferson County Courthouse at 201 Centenn a Street n Bou der, MT dur ng regu ar bus ness hours.

Any person or organ zat on hav ng quest ons or comments concern ng JLDC's proposa to the EPA Brownfie ds C eanup Grant program, or proposed act v t es w have the opportun ty to be heard. A nterested c t zens and organ zat ons are urged to attend.

Persons who requ re spec a accommodat ons shou d contact Tom Harr ngton at east three (3) days pr or to the meet ng at (406) 287-3282.

Legal 19-013 Pub shed n the Bou der **Monitor** Jan. 23, 2019. MNAXLP

**MONTANA FIFTH JUDICIAL DISTRICT COURT
JEFFERSON COUNTY**
NOTICE OF SHERIFF'S SALE
CIVIL NUMBER: DV-2017-24
HONORABLE: JUDGE LUKE BERGER

U.S. BANK NATIONAL ASSOCIATION, AS TRUSTEE FOR RESIDENTIAL ASSET SECURITIES CORPORATION, HOME EQUITY MORTGAGE ASSET-BACKED PASS-THROUGH CERTIFICATES, SERIES 2007-KS3, P a nt ff,
v. ROBERTA J. KNAPP, an nd v dua ; and KENNETH J. KNAPP, an nd v dua , KENNETH J. KNAPP and ROBERTA J. KNAPP TRUSTEES OF THE KENNETH J. AND ROBERTA J. KNAPP REVOCABLE LIVING TRUST; MARK LINDSAY CONSTRUCTION CO., INC; CREDIT ASSOCIATES, INC.; FIRST INTERSTATE BANK; and JOHN DOES 1-10, Defendants.

Under and by v rtue of a Wr t of Spec a Execut on ssued n the above-ent t ed act on on the 19th day of November, 2018, I am commanded to se at pub c auct on a of Defendants' r ghts and nterest to the be ow descr bed property:

Lot 6, B ock 3 of MONTANA CITY RANCHES SUBDIVISION as shown on Cert ficate of Survey No. 188032, Fo o 540A.

Property Address: 5 D amondback Court, C ancy, MT 59634

Not ce s hereby g ven that on the 7th day of February, 2019, at 11:00 on the front steps of the F fth Jud c a D str ct Court at 201 Centenn a Avenue, Bou der, MT 59632, the above-descr bed property w be so d to the h ghest b dder to sat sfy P a nt ffs judgment, w th nterest and costs.

Date: 1/18/19
Sher ff of Jefferson County, State of Montana
By: Jer

WE STRONGLY RECOMMEND ANYONE INT RESTED IN BIDDING ON ANY PROPERTY NOTICED FOR SALE RESEARCH THE OWNERSHIP OF THE PROPERTY THOROUGHLY PRIOR TO BIDDING
48768 NOTICE OF SALE

Legal 19-008 Pub shed n the Bou der **Monitor** Jan. 23 and 30 and Feb. 6, 2019. MNAXLP

Crossword puzzle answers

See puzzle on page 11

Crossword answers

E	C	R	U			B	U	D				I	R	A
G	L	E	N		F	U	N	D		B	A	S	E	D
G	E	A	R		I	L	I	A		A	T	L	A	S
	G	R	E	E	N	B	A	Y		Y	L	E	M	
			E	X	I	S	T		M	O	A			
E	A	G	L	E	S			R	O	U	N	D	E	D
A	L	L		C	H	I	P	I	N		T	E	A	R
S	L	O	B	S		R	O	C		S	A	L	S	A
T	O	R	I		P	O	T	E	N	T		H	E	P
S	T	Y	G	I	A	N			I	O	D	I	D	E
			G	A	R		G	A	M	M	A			
	S	C	A	M		L	O	M	B	A	R	D	I	
P	L	U	M	B		A	B	E	L		T	U	R	N
V	O	T	E	S		V	A	N	E		E	M	I	T
C	B	S				A	D	D			D	A	S	H

Jefferson County Fair Board

Special meeting, Saturday, January 26, 11 am, Jefferson County Recreation Park. Tour of fair buildings.

19-015 Pub shed n the Bou der Mon tor Jan. 23, 2019 MNAXLP

Public Notice: Elections

Fire District and Library District trustee/director elections will be held Tuesday, May 7, 2019, for the following special districts:

- Basin Fire District
- Bull Mountain Fire District
- Jefferson City Rural Fire District
- Elk Park Fire District
- Jefferson Valley Rural Fire District
- Montana City Fire District
- Clancy Fire Service Area
- North Jefferson County Library District

Declarations of candidacy are available through the Clerk and Recorder's office or your local fire department or North Jefferson County Library. All declarations of candidacy must be returned no later than 5 pm, February 11, 2019.

19-001 Pub shed n the Bou der Mon tor Jan. 9, 16 & 23, 2019 MNAXLP

Commission agenda set

The announced agenda for the Jefferson County Commission meeting to be held Tuesday, January 29, 2019 in the Clerk and Recorder Meeting Room, 9:30 am:

9:30 Claims approval: A list of claims to be approved will be in the Clerk and Recorder's Office by Friday of the previous week.
10:00 Meeting with Road Department
10:30 Meeting with various department heads
GIS Department

Noon: Recess for lunch; Re-convene at 1:30 p.m.

Pledge of Allegiance; Minutes; Reports
Correspondence: Copies of all incoming and outgoing correspondence are on file in the Commission office for public review.
Calendar review; Commission reports
Opportunity for public comment
Items for Commissioners' action or review
Time-specific: 2 pm, pubic hearing, Brownfield grant application
Non-time-specific:
- Contract for Capital Improvement Plan
- Resolution 05-2019 Clean Indoor Air
- Resolution 06-2019 Temporary/Seasonal Weight Restrictions on County Roads
- Sign agreement between Jefferson County and City of Boulder for use of Justice Court
- Discuss and decide on Cowboy Hall of Fame issues

County website: jeffersoncounty-mt.gov

Obituaries

Evelyn McCauley, Boulder pillar

Life long Jefferson County resident Evelyn Huller McCauley passed away at her home on January 3rd, 2019 at the age of 99.

She was born the eldest daughter of Jay E. and Mary Salmond Huller on September 4th, 1919 in her grandmother's log cabin on the Jefferson River near Willow Creek. She grew up on the family farm, helping with the chores, harvesting hay with horse drawn machinery, milking cows, working in the garden and helping her mother can the harvest. She was joined by a sister Iris in 1923 and a brother Frank in 1929.

She graduated from Willow Creek High School in 1938 and completed business college in Butte, Montana. Her first job and her life in Boulder began in 1940 at the Montana State Training School (MDC) as secretary to the superintendent of the campus.

She met Eugene McCauley there and they were married in Deer Lodge on April 4, 1942. They lived in Boulder and raised 5 children. After the children were older, she worked as dispatcher and office clerk for the Jefferson County Sheriff's department and in the County Treasurer's office.

She was active in the community as a 4-H leader, a Cub Scout den mother, a member of St. Catherine's Parish and the Senior Citizen's Center. She was one of the driving forces in the establishment and operation of the See and Save Store. She spent hours with a group of her friends, making quilts from old clothes and then they donated the quilts where ever they were needed.

In 1972, after the death of her husband, she bought a house in Boulder and was often seen outside, tending to her yard, garden and flowers. She learned to paint, her favorite subjects were scenery, old houses and horses. She loved to sew and read, doing both well into her 90s. She also loved to travel.

Evelyn was preceded in death by her husband in 1971, her parents and her sister, Iris.

She is survived by her brother Frank (Jean) Huller of Bridger, MT, her children Larry (Marjie) of Cardwell, James (Carole) of Boulder, Monica of Eagle River, Alaska, Leo of Anchorage, Alaska, and Paul (Lynn) of Bozeman. She has six grandchildren, twelve great grandchildren, and 2 great great grandchildren.

Cremation has taken place and a burial will be held in the spring in the cemetery at St. John the Evangelist Catholic Church in the Boulder Valley. At that time, there will be a celebration of her life with family and friends.

In lieu of flowers, the family requests that memorials be made, in Evelyn's name, to the Jefferson County Heritage Center in Boulder, Montana.

K&L Mortuaries & Crematory of Boulder is assisting with arrangements.

Jefferson High School Policy Committee
Joint Committee Meeting with JHS Board

Wednesday, Jan. 23, 6 pm
Clancy Elementary School board room

Agenda: Review and discussion of Policy 4330 on facility use.

No decisions are made by a subcommittee of the Jefferson High School Board of Trustees unless authorized by action of a majority of the members of the board in a regular meeting

Boulder Community Library
January Happenings

24: Robotics, 3:30 pm;
Alzheimers Awareness, 6 pm
25: Tai Chi, 9 am
26: Robotics Challenge, Bozeman
28: Tai Chi, 9 am
29: Story Hour, 11 am; Robotics, 3:30 pm;
Book Club, 6:30 pm
30: Tai Chi, 9 am; Head Start, 11 am;

For more information call 225-3241 or visit https://sites.google.com/site/bouldercommunitylibrary/
And check us out on Facebook

Boulder Senior Citizens Dinner Club Menu

Thursday, January 24: Chili con carne, cornbread, veggie relish, coleslaw, pineapple..
****
Tuesday, January 29: Pork in gravy, brown rice, green peas, 4-bean salad, applesauce.
****
Wednesday, January 30: Chicken-n-veggie noodle soup, egg salad sandwich, veggie relish, sweet peaches.

Reservations: No later than 9:30 a.m. Senior Center, 225-3656.

Take out meals may vary. Bread or rolls served at every meal.

Every fourth Thursday of the month there is live music and a birthday party for members for that month.

Happy Birthday

January 23 - Denise Grove
January 24 - Gail Lattin, Ben Wrzesinski
January 30 - Soja Giulio VanDyke
January 31 - Leroy Fadness, Dan Nelson

JEFFERSON COUNTY COMMISSIONERS
COURTHOUSE, PO BOX H
BOULDER, MT 59632
PHONE 406 225-4025
FAX 406 225-4148
County website: http://jeffersoncounty-mt.gov

LEONARD WORTMAN, CHAIR BOB MULLEN CORY KIRSCH

AGENDA

January 29, 2019

MEETING TO BE HELD IN THE CLERK AND RECORDER MEETING ROOM

9:30 CALL MEETING TO ORDER

CLAIMS APPROVAL
A list of claims to be approved will be in the Clerk & Recorder's office by Friday of the previous week.

10:00 MEETING WITH ROAD DEPARTMENT

10:30 MEETING WITH VARIOUS DEPARTMENT HEADS
GIS Department

12:00 Recess for lunch

Re-Convene at 1:30 P.M.

- **PLEDGE OF ALLEGIANCE**
- **MINUTES**
- **REPORTS**
- **CORRESPONDENCE**
  Copies of all incoming and outgoing correspondence are on file in the Commission office for public review.
- **CALENDAR REVIEW**
- **COMMISSION REPORTS**
- **OPPORTUNITY FOR PUBLIC COMMENT**
  The Commission welcomes and encourages public comment, and comments related to agenda items will be taken at the time the item is dealt with. The Commission may limit the amount of time for comment if they become extensive. The Commission will take no action on comments not related to agenda items at this meeting. To insure that others who want to address the same issue have the opportunity to do so, the item may be placed on an agenda for a later meeting.

- **ITEMS FOR COMMISSIONERS' ACTION OR REVIEW**

Time Specific:

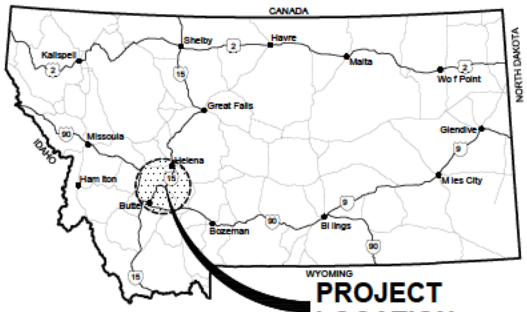
2:00 Public Hearing - Brownfield grant application

Non Time Specific:
Non time-specific items will be dealt with at any time during the agenda, as time allows. Items to be acted on and supporting and informational documents are available for viewing in the Clerk and Recorder's office.

Contract for Capital Improvement Plan
Resolution 05-2019 Clean Indoor Air
Resolution 06-2019 Temporary/Seasonal Weight Restrictions on County Roads
Sign agreement between Jefferson County and City of Boulder for use of Justice Court
Discuss and decide on Cowboy Hall of Fame issues

Description of Target Area

F:\1-19103-JLDC EPA\CADD X-XXXXX\Exhibits\EPA Brown Fields Project Vicinity Map.dwg



LOCATION MAP
NOT TO SCALE

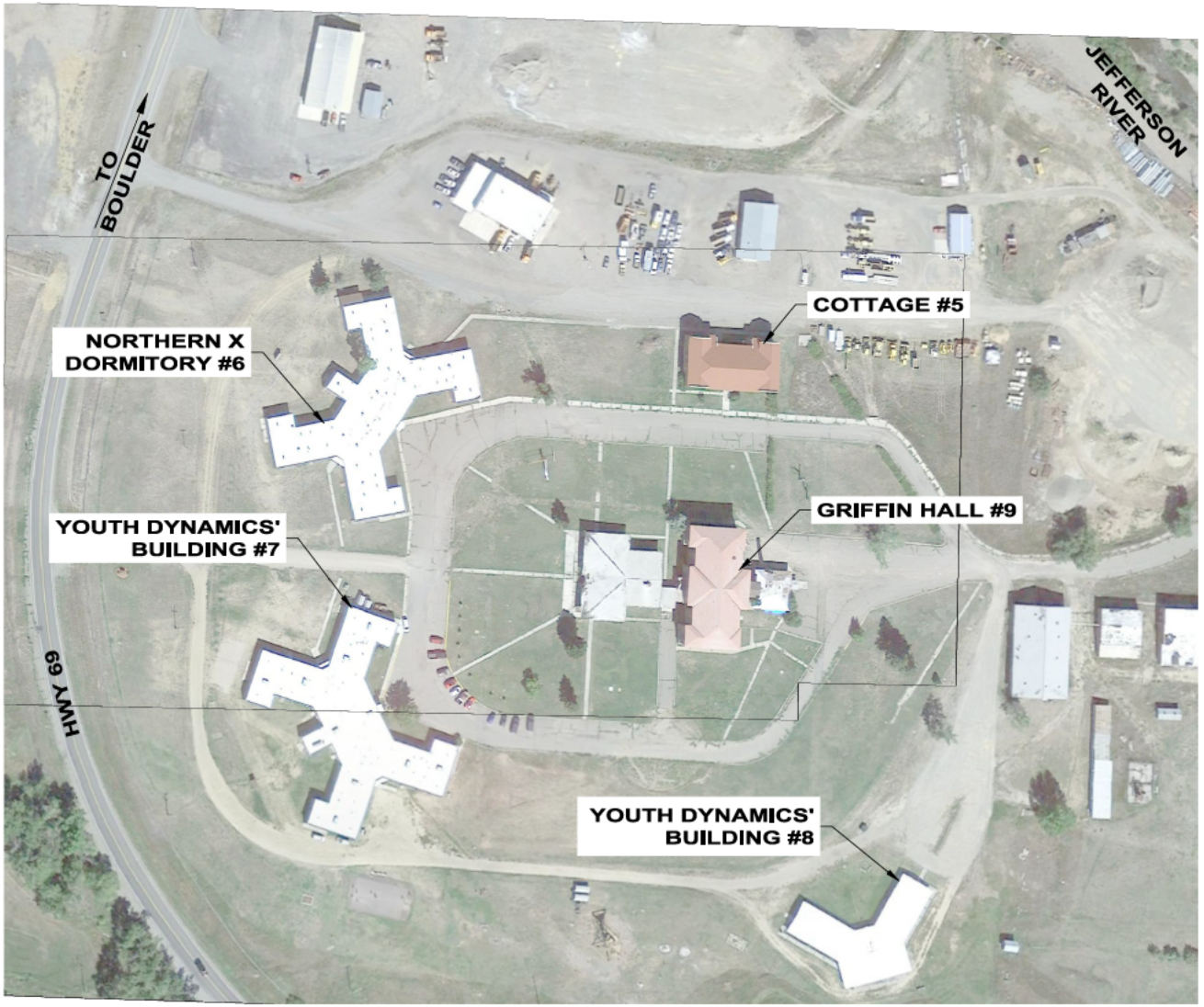


FIGURE #1
EPA BROWN FIELDS PROJECT
VICINITY MAP

GreatWest engineering®

COST ESTIMATE FOR CLEANUP REPORT
FOR
SOUTH CAMPUS MONTANA STATE TRAINING SCHOOL – GRIFFIN HALL #9
VENTURE WAY
BOULDER, JEFFERSON COUNTY, MONTANA

Prepared for:

U.S. ENVIRONMENTAL PROTECTION AGENCY
1595 WYNKOOP ST
DENVER, COLORADO 80202

Prepared by:

WESTON SOLUTIONS, INC.
1435 Garrison Street, Ste. 100
Lakewood, Colorado 80215
303-729-6100 • Fax 303-729-6101

Date Prepared	December 2018
TDD No.	0003/1808-05
Document Control No.	W0628.1A.01863
Contract No.	EP-S8-13-01
U.S. EPA Work Assignment Manager	Stephanie Shen

COST ESTIMATE FOR CLEANUP REPORT
FOR
SOUTH CAMPUS MONTANA STATE TRAINING SCHOOL – GRIFFIN HALL #9
VENTURE WAY
BOULDER, JEFFERSON COUNTY, MONTANA

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WESTON SOLUTIONS, INC.
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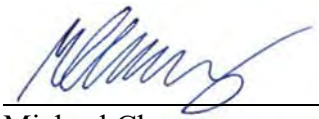
Lakewood, Colorado 80215
303-729-6100 • Fax 303-729-6101

December 2018

Prepared by:  Date: 12/27/2018
Michael Cherny
START Scientist

Reviewed and Approved by:  Date: 12/27/2018
Elliott Petri, P.E.
START Project Manager and
Environmental Professional

TABLE OF CONTENTS

Section **Page**

LIST OF FIGURES (SELECT FROM PHASE II ESA)

LIST OF TABLES

LIST OF TABLES (CONTINUED)

LIST OF ACRONYMS

ACM	asbestos-containing material
ASTM	ASTM, International
COC	contaminant of concern
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
HUD	Housing and Urban Development
JLDC	Jefferson Local Development Corporation
LBP	lead-based paint
O&M	Operation and Maintenance
sq. ft.	square feet
START	Superfund Technical Assessment and Response Team
TCLP	Toxicity Characteristic Leaching Procedure
TDD	Technical Direction Document
WESTON	Weston Solutions, Inc.
XRF	X-ray fluorescence

1.0 INTRODUCTION AND PURPOSE

The United States Environmental Protection Agency (EPA) tasked the Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START) to assist the EPA in conducting a Phase II Environmental Site Assessment (ESA) and cost estimate for cleanup at the South Campus Montana (MT) State Training School – Griffin Hall #9 located at Venture Way located in Boulder, Montana (Site). The Phase II ESA report, *Phase II Environmental Site Assessment for South Campus MT Training School – Griffin Hall #9 Venture Way, Boulder, Jefferson County, Montana Revision 1* (WESTON, 2018), details the work performed, methods used, information and data acquired, and evaluation and interpretation of results as part of the Phase II ESA. This cost estimate for cleanup report is based upon the information presented in the Phase II ESA report.

Based upon the results of the Phase II ESA conducted, the specific concerns addressed in this conceptual cost estimate for the Site include:

A. Asbestos-containing material (ACM); and
B. Lead-based paint (LBP).

1.1 Summary of Phase II ESA Results

The Phase II ESA was conducted in accordance with *Technical Direction Document (TDD) 0003/1808-05* (EPA, 2018) and *ASTM, International (ASTM) E1903-11 – Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process*. The results of the Phase II ESA confirmed the presence of contaminants of concern (COCs) at the Site. The following is a summary of the conclusions regarding COCs and associated media identified by START at the Site that are addressed in this cost estimate:

Asbestos-Containing Material (ACM)

Of the 167 samples submitted for laboratory analysis, a total of 31 samples were determined to be "positive" (>1% asbestos) for asbestos. The following table indicates the locations and estimated extent of ACM identified at the Site.

ACM	Estimated Volume / Extent (Approximate)	Location
Baseboard Glue	1,600 LF	Second Floor
Drywall	220 sq. ft.	Second Floor
Floor Tile	5,180 sq. ft.	First and Second Floor
Linoleum	2,450 sq. ft.	First Floor
Pipe Insulation	200 LF	Steam Tunnels
Plaster	23,000 sq. ft.	Second Floor
Roofing Material	10,500 sq. ft.	Roof

Notes: LF = linear feet
sq. ft. = square feet

The location of ACM identified at the Site is presented in Figures 3 through 7 and 11. Based on the results of the ACM survey, asbestos is present in the building. ACM is considered to be a COC in relation to the Site.

Lead-Based Paint (LBP)

Based on the X-ray fluorescence (XRF) results, elevated lead concentrations are present on the walls, ceilings, door components, and window components throughout the building. Elevated lead readings on various ceramic tiles in the 2nd floor bathroom area appeared to be attributable to glazing, since no paint is present on the tiles. The following table lists the location, current surface paint color, and estimated extent in sq. ft. of LBP present at the Site. Since there were no positive readings on the exterior, lead-in-soil is not of concern.

Location	Current Surface Paint Color	Estimated Extent
1st Floor Central		
Wall	Cream	640 sq. ft.
	Green	1,540 sq. ft.
	White	620 sq. ft.
1st Floor North		
Ceiling	White	320 sq. ft.
	Yellow	180 sq. ft.
Wall	Green	450 sq. ft.
	Pink	140 sq. ft.
	White	700 sq. ft.
	Yellow	500 sq. ft.
First Floor South		
Ceiling	Coral	970 sq. ft.
	White	470 sq. ft.
	Yellow	270 sq. ft.
Door Frame	White	10 sq. ft.
Wall	Brown	50 sq. ft.
	Coral	420 sq. ft.
	Cream	220 sq. ft.
	White	690 sq. ft.
First Floor West		
Door	White	80 sq. ft.
Door Frame	White	30 sq. ft.

Location	Current Surface Paint Color	Estimated Extent
First Floor West (Continued)		
Window Frame	White	60 sq. ft.
Window Sash	White	40 sq. ft.
Second Floor Central		
Ceiling	White	200 sq. ft.
Wall	Blue	600 sq. ft.
	Dark Blue	90 sq. ft.
	Dark Brown (tile)	60 sq. ft.
	Green	50 sq. ft.
	Light Blue	730 sq. ft.
	White	360 sq. ft.
	Yellow	300 sq. ft.
	Yellow (tile)	700 sq. ft.
Second Floor North		
Ceiling	White	1,750 sq. ft.
Wall	Blue	480 sq. ft.
	Cream	530 sq. ft.
	Dark Brown	200 sq. ft.
	White	680 sq. ft.
	Yellow	600 sq. ft.
Second Floor South		
Ceiling	Light Blue	60 sq. ft.
	White	760 sq. ft.
Wall	Coral	160 sq. ft.
	Green	530 sq. ft.
	Light Gray	240 sq. ft.
	Pink	300 sq. ft.
	Yellow	350 sq. ft.
Third Floor North		
Ceiling	Pink	430 sq. ft.
Wall	Cream	320 sq. ft.
	Green	270 sq. ft.

Location	Current Surface Paint Color	Estimated Extent
Third Floor North Continued)		
Wall	Light Blue	50 sq. ft.
	Pink	570 sq. ft.
Third Floor South		
Ceiling	Light Blue	30 sq. ft.
	Pink	430 sq. ft.
Door Frame	Pink	10 sq. ft.
Wall	Light Blue	570 sq. ft.
	Pink	1,120 sq. ft.
	Yellow	840 sq. ft.

Notes:
sq. ft. = square feet

The location of LBP identified at the Site is presented in Figures 3 and 8 through 10. Based on the results of the XRF survey, LBP is present in the building. LBP is considered to be a COC in relation to the Site.

1.2 Proposed Future Use of Site

The building was listed as a contributing property to the Montana State Training School Historic District, on the National Register of Historic Places, in 2014. Jefferson Local Development Corporation (JLDC) is interested in redeveloping the Site for residential and commercial use.

2.0 COST ESTIMATES FOR CLEANUP

START recommends contracting an accredited asbestos remediation company to determine appropriate remedial and/or Operations and Maintenance (O&M) actions to address the ACM at the Site during the cleanup phase of redevelopment.

START recommends contracting an accredited lead remediation company to determine appropriate remedial actions to address the LBP at the Site during the cleanup phase of redevelopment (e.g., dust control, encapsulation, chemical stripping, removal, etc.). It is recommended that LBP procedures and regulations applicable to remediation project design and implementation such as EPA's Renovation, Repair, and Painting (RRP) Rule and United States Department of Housing and Urban Development (HUD) *Guidelines for the Evaluation and Control of Lead- Based Paint Hazards in Housing* (2012 edition) (HUD, 2012) be followed, as applicable. An EPA Lead-Safe certified firm would be recommended.

Presented below are the conceptual costs (not intended for budgetary estimates) to remediate the COCs at the Site. Conceptual costs were determined based upon information obtained from *RS Means Building Construction Cost Data 2018* (RS Means, 2018). Actual bids from companies to perform the work may vary from this estimate depending on local conditions and other factors outside of the assessor's knowledge. Final design specifications, features, and cost of the actual remedy will need to be developed by a certified contractor prior to beginning cleanup and may differ from the conceptual design presented. Since actual redevelopment plans for the Site have not been decided, conceptual cost estimates for two potential options were created.

- **Option #1: Building Renovation with ACM Abatement and LBP Remediation**
- **Option #2: Building Renovation with Partial ACM Abatement/O&M and LBP Remediation**

Details for costs associated with these two options, including assumptions made, are presented in the following sections.

2.1 Option #1: Building Renovation with ACM Abatement and LBP Remediation

2.1.1 ACM Removal and Disposal

The following table summarizes the estimated conceptual costs to abate and dispose of the ACM at the Site as presented in Section 1.1 in order to mitigate current and/or future exposure risk. A detailed cost estimate breakdown is presented on Table 3.

Contaminant Remediation Tasks	Remediation Cost
ACM Abatement and Disposal	$317,744.99
20% Contingency	$63,549.00
Total	**$381,293.99**

Assumptions made when creating the cost estimate include:

- All ACM will be removed and disposed of from the Site (none will be left in place).
- Only 75% of plaster walls were used in the calculation because additional assessment will be needed for load-bearing plaster wall removal.
- ACM would be disposed of at the Valley View Landfill in East Helena, MT

2.1.2 LBP Encapsulation and Removal of Ceramic Tiles

The following table summarizes the estimated conceptual costs to encapsulate LBP at the Site and remove the ceramic tile, in order to mitigate current and/or future exposure risk. A detailed cost estimate breakdown is presented on Table 3.

The following table contains a quantity estimate of LBP at the Site.

Component	Estimated Quantity for Remediation
Demolition Debris Disposal	2.3 CY
LBP for Encapsulation	22,230 sq. ft.

The following table contains a cost estimate for remediation of LBP at the Site.

Contaminant Remediation Tasks	Remediation Cost
LBP Encapsulation and Removal of Ceramic Tiles	$37,959.00
TCLP Sampling	$150.00
20% Contingency	$7,621.80
Total	**$45,730.80**

Assumptions made when creating the cost estimate include:

- All LBP would be encapsulated.
- Although a portion of the LBP on the plaster walls would be remediated during the ACM removal, these quantities were included in the LBP encapsulation estimate.
- If LBP impacted materials will be disposed of as part of construction materials or ACM debris, a toxicity characteristic leaching procedure (TCLP) sample will need to be taken.
- Due to the poor condition of the LBP observed in the building, it is assumed that the substrate would be adequately prepared prior to encapsulation, as per HUD specifications. This preparation is included in the estimate.
- It is assumed that the lead dust present from paint chips will also be vacuumed using a high-efficiency particulate air filter during the ACM remediation or the LBP encapsulation.

2.2 Option #2: Building Renovation with Partial ACM Abatement/O&M, and LBP Remediation

2.2.1 Partial ACM Abatement/O&M

The following table summarizes the estimated conceptual costs to abate and dispose of the ACM at the Site as presented in Section 1.1 in order to mitigate current and/or future exposure risk. A detailed cost estimate breakdown is presented on Table 4.

Contaminant Remediation Tasks	Remediation Cost
Partial ACM Abatement/O&M	$67,397.20
20% Contingency	$13,479.44
Total	**$80,876.63**

Assumptions made when creating the cost estimate include:

- An O&M plan would be developed for the ACM plaster and shingle roofing material.
- All remaining ACM will be removed and disposed of from the Site (none will be left in place).
- ACM would be disposed of at the Valley View Landfill in East Helena, MT.

2.2.2 LBP Encapsulation and Removal of Ceramic Tiles

LBP remediation costs for Option #2 are anticipated to be the same as Option #1, as previously presented in Section 2.1.2.

2.3 Cost Estimate for Cleanup Total

START recommends contracting accredited remediation companies to assess, evaluate, plan/design, and implement actual remedial activities for the hazards at the Site. Actual bids from companies to perform the work may vary from this estimate depending on local conditions and other factors outside of the assessor's knowledge. Final design specifications, features, and cost of the actual remedy may differ from the conceptual design presented. The following tables summarize the total estimated conceptual costs to abate and dispose of all ACM (or a partial abatement with O&M of the plaster and shingle roof), encapsulate LBP at the Site, and remove and dispose of ceramic tiles in order to mitigate current and/or future exposure risk.

Option #1: ACM Abatement and LBP Remediation

Task Description	Estimated Cost
ACM Abatement and Disposal	$381,293.99
LBP Encapsulation and Removal of Ceramic Tiles	$45,730.80
Total Estimated Cost	**$427,024.79**

Option #2: Partial ACM Abatement/O&M and LBP Remediation

Task Description	Estimated Cost
Partial ACM Abatement/O&M	$80,876.63
LBP Encapsulation and Removal of Ceramic Tiles	$45,730.80
Total Estimated Cost	**$126,607.43**

3.0 REFERENCES

EPA, 2018. Technical Direction Document (TDD) 0003/1808-05.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
EPA, 2018	Guidance	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

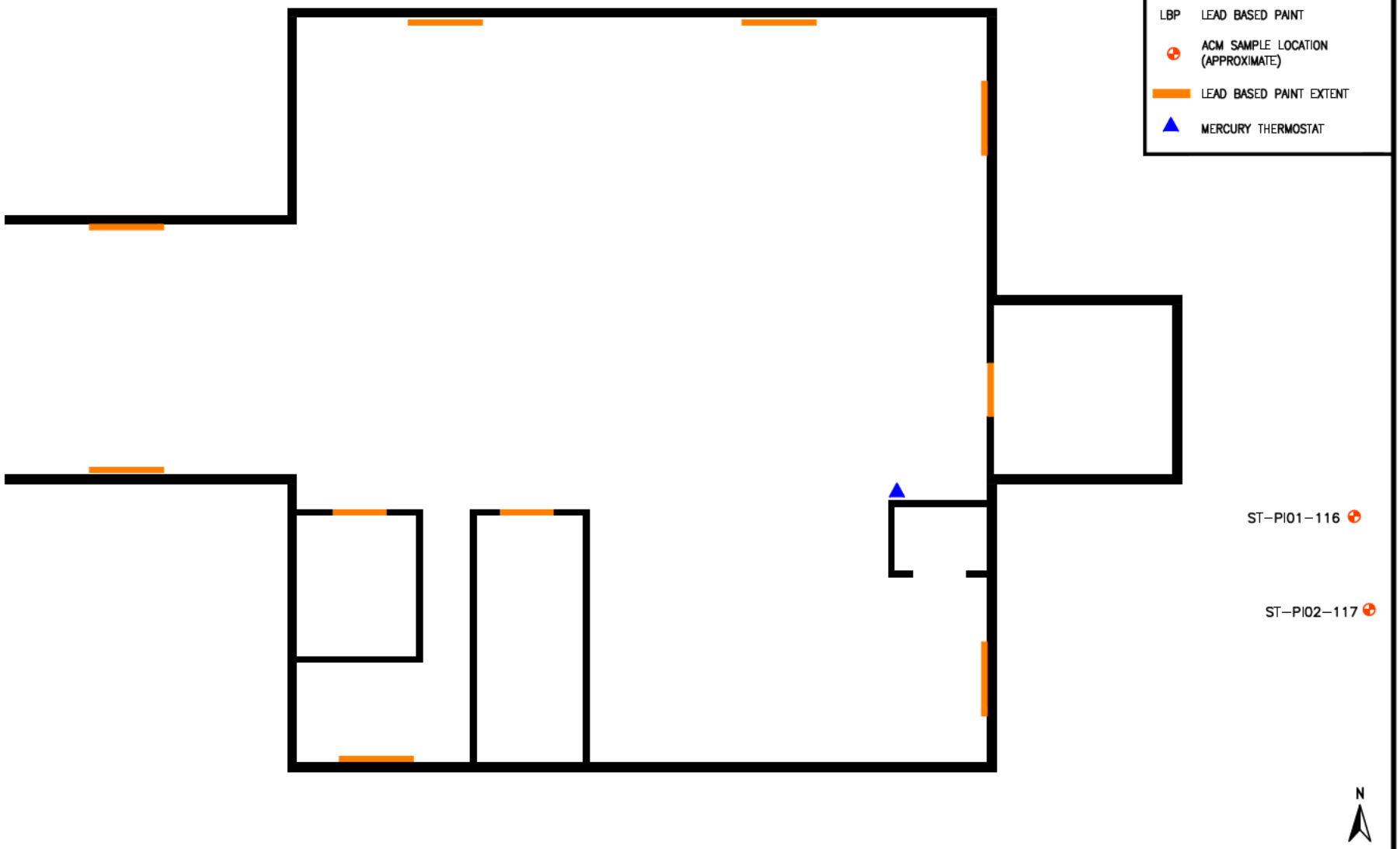
RS Means, 2018. *Building Construction Cost Data 76th Annual Edition.* Norwell, Massachusetts.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
RS Means, 2018	Guidance	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

Weston Solutions, Inc. (WESTON), 2018. *Phase II Environmental Site Assessment for South Campus MT Training School – Griffin Hall #9 Venture Way, Boulder, Jefferson County, Montana Revision 1.* December 2018.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
WESTON, 2018	Guidance	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

FIGURES



Contract No.:
EP-S8-13-01
TDD: 1808-05
TO: 0003

Prepared By:
Weston Solutions, Inc.
START IV
Suite 100
1435 Garrison Street
Lakewood, CO 80215

ACM AND LBP SAMPLE LOCATION AND EXTENT
SOUTH CAMPUS MT STATE TRAINING SCHOOL
BUILDING 9 – WEST SECTION
ASBESTOS AND LEAD BASED PAINT SURVEY

DATE: 12/04/18

SCALE: N.T.S.

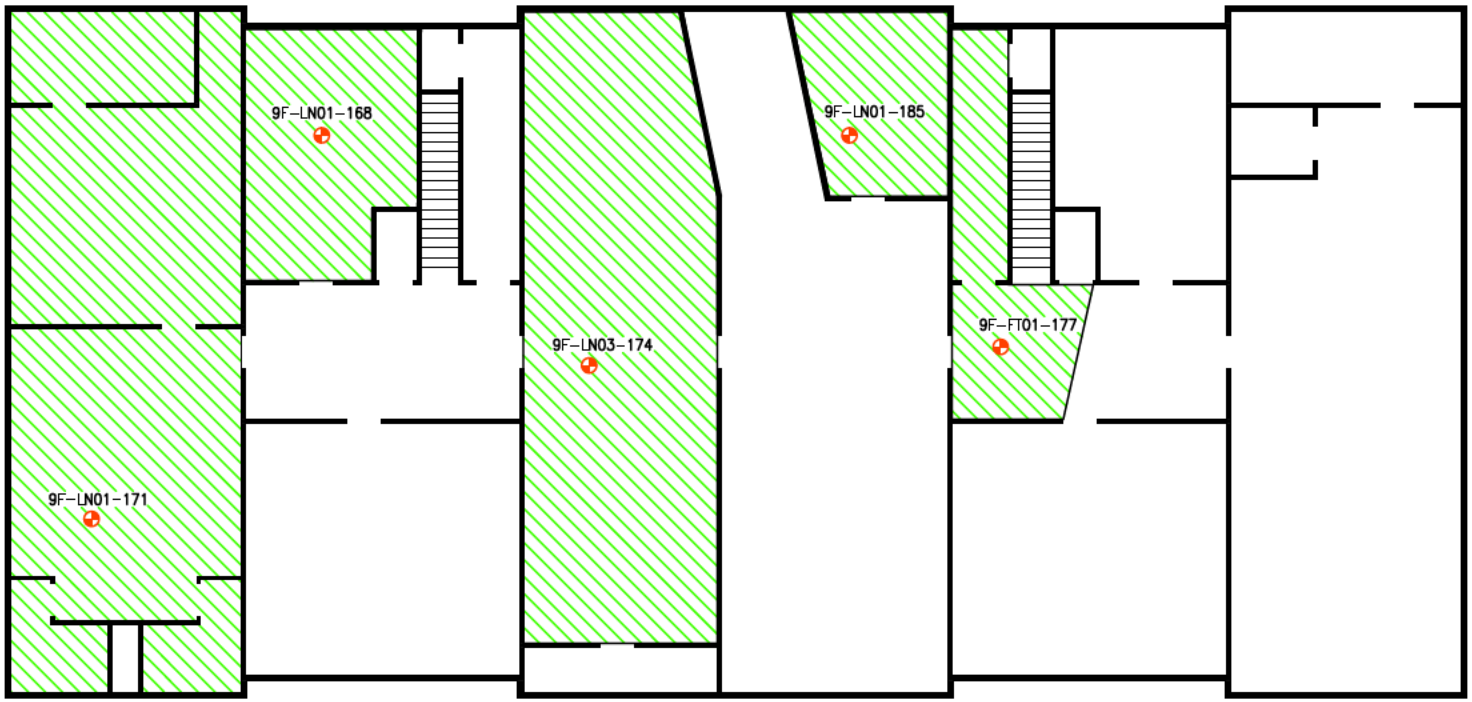
Figure 3

LEGEND:

ACM ASBESTOS CONTAINING MATERIAL

ACM SAMPLE LOCATION (APPROXIMATE)

ACM FLOORING EXTENT



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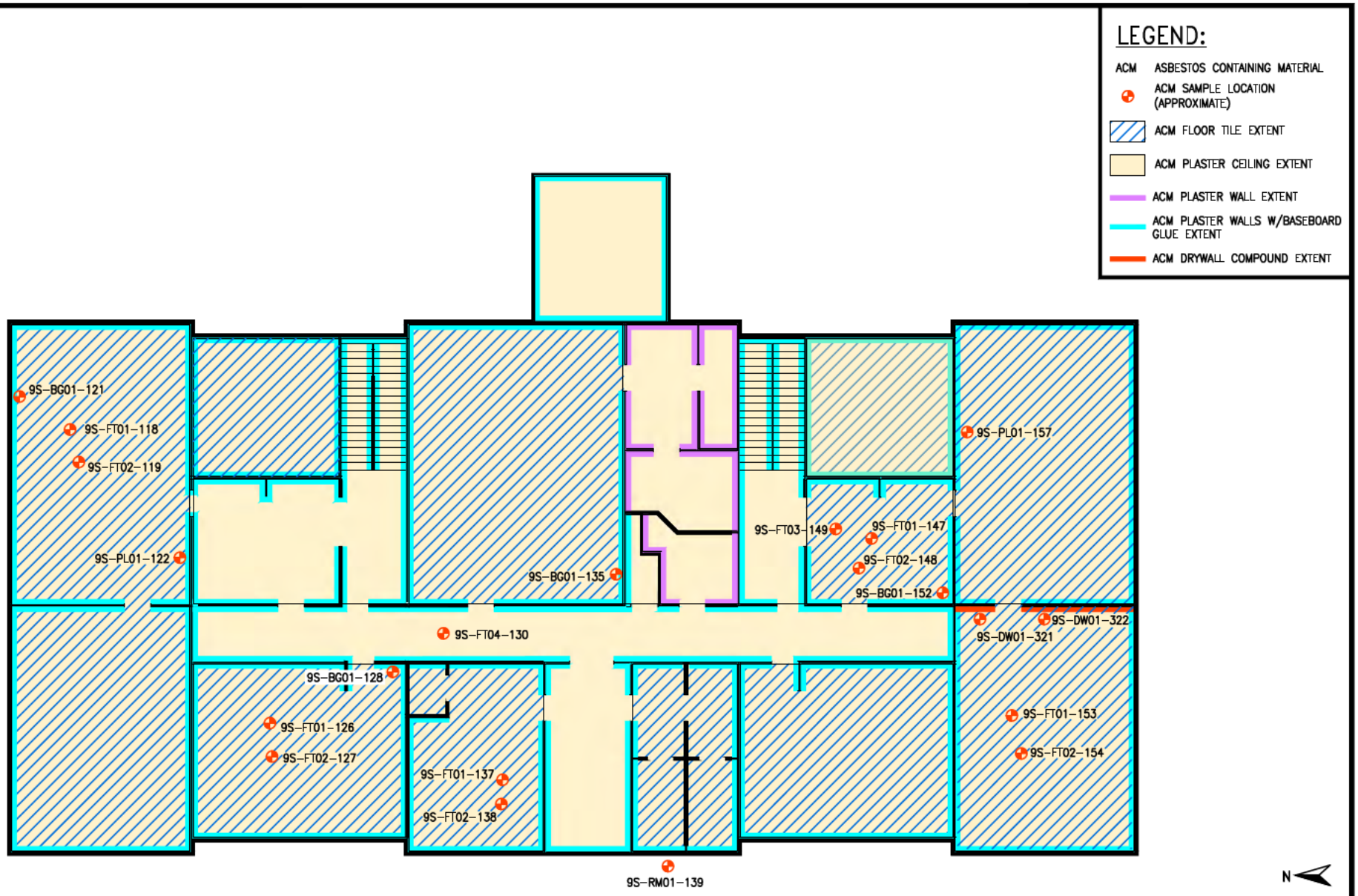
Weston Solutions, Inc.
START IV
Suite 100
1435 Garrison Street
Lakewood, CO 80215

ACM SAMPLE LOCATION AND EXTENT
SOUTH CAMPUS MT STATE TRAINING SCHOOL
BUILDING 9 – FIRST FLOOR
ASBESTOS SURVEY

DATE: 12/04/18

SCALE: N.T.S.

Figure 4



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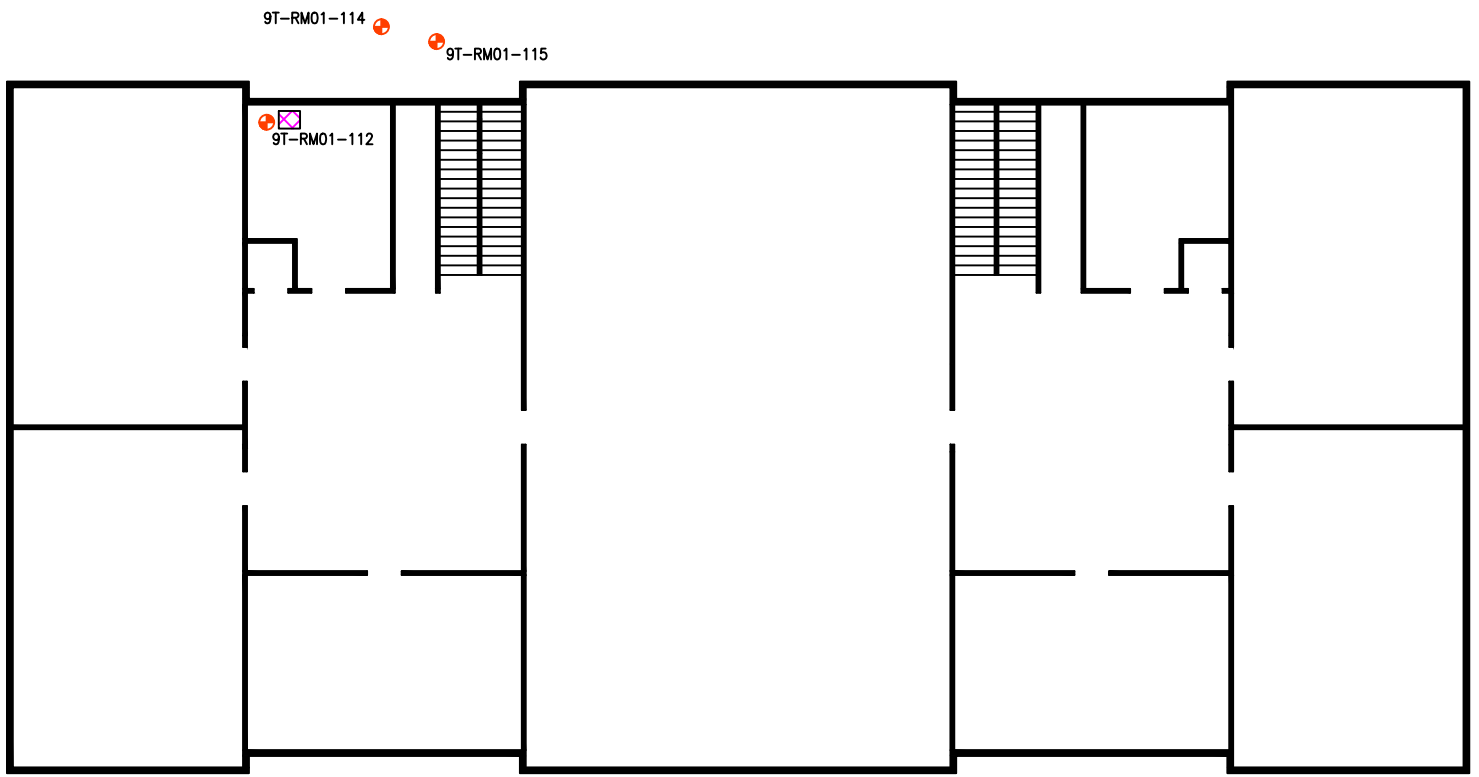
ACM SAMPLE LOCATION AND EXTENT
SOUTH CAMPUS MT STATE TRAINING SCHOOL
BUILDING 9 – SECOND FLOOR
ASBESTOS SURVEY

DATE:
12/04/18

SCALE:
N.T.S.

Figure
5



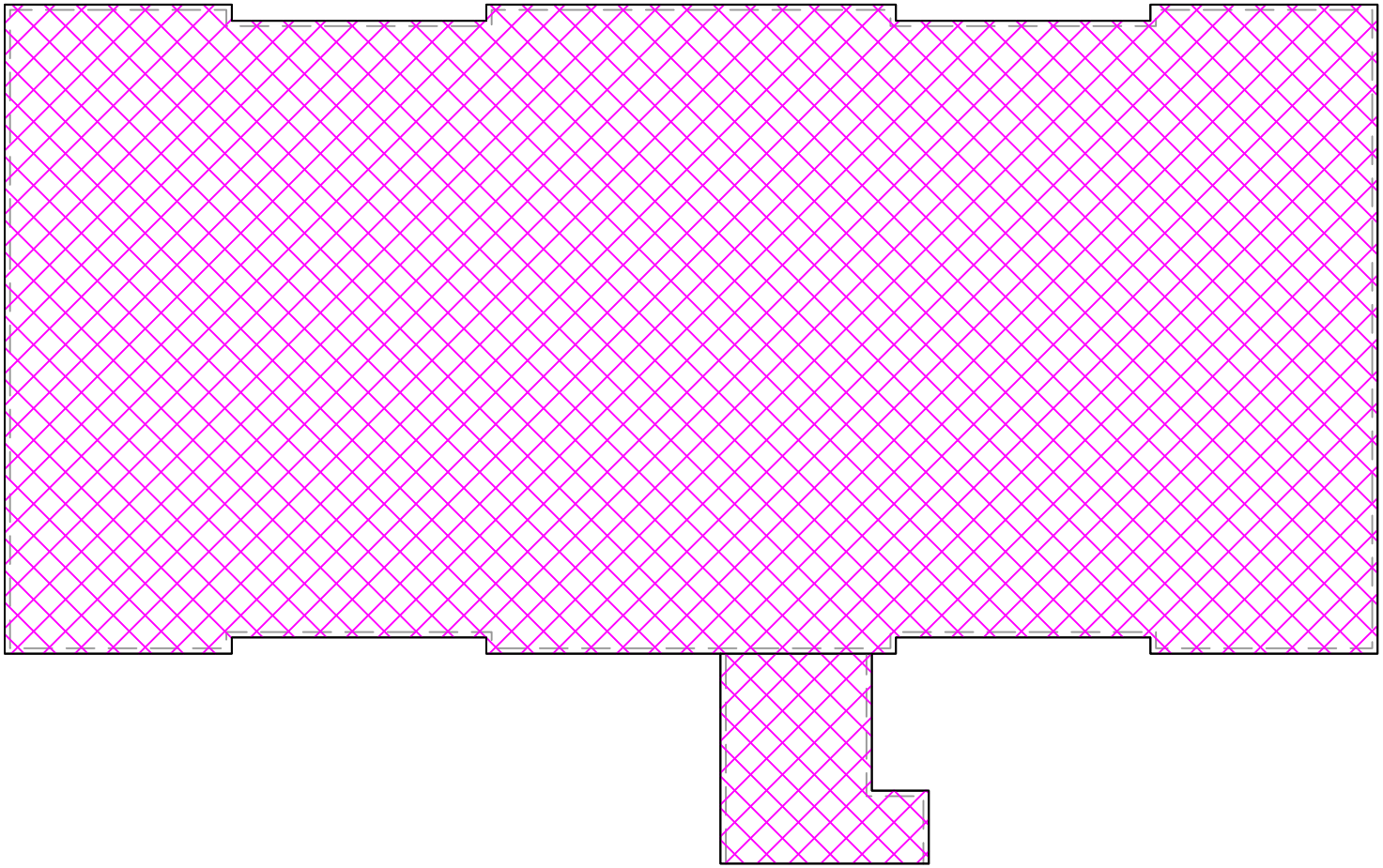
Contract No.: EP-S8-13-01 TDD: 1808-05 TO: 0003	Prepared By: Weston Solutions, Inc. START IV Suite 100 1435 Garrison Street Lakewood, CO 80215	ACM SAMPLE LOCATION AND EXTENT SOUTH CAMPUS MT STATE TRAINING SCHOOL BUILDING 9 – THIRD FLOOR ASBESTOS SURVEY	DATE: 12/04/18 SCALE: N.T.S.	Figure 6

LEGEND:

ACM ASBESTOS CONTAINING MATERIAL

ACM SAMPLE LOCATION (APPROXIMATE)

ACM ROOFING MATERIAL EXTENT



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1435 Garrison Street
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ACM SAMPLE LOCATION AND EXTENT
SOUTH CAMPUS MT STATE TRAINING SCHOOL
BUILDING 9 – ROOF
ASBESTOS SURVEY

DATE:
12/04/18

SCALE:
N.T.S.

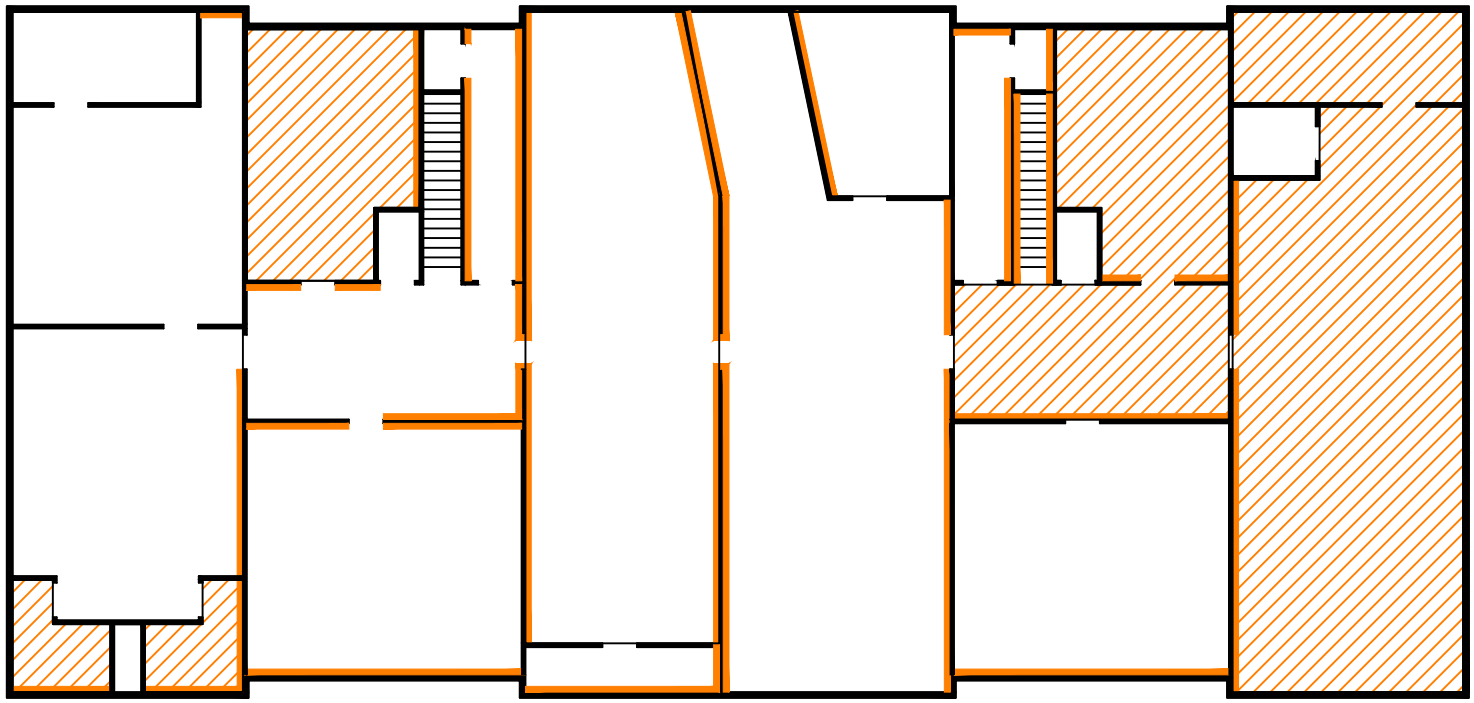
Figure
7

LEGEND:

LBP LEAD BASED PAINT

LBP EXTENT

LBP WALL EXTENT



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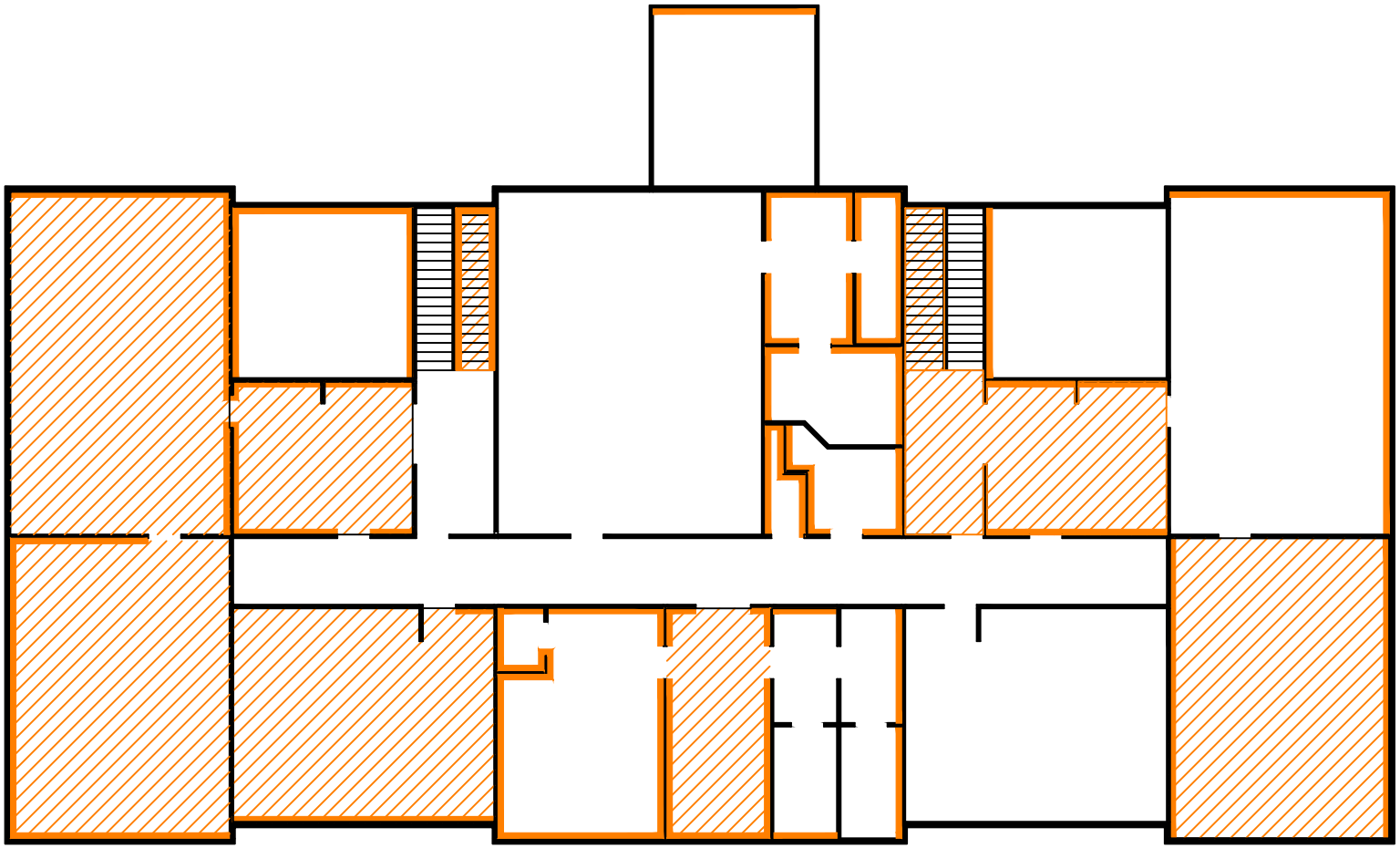
LBP LOCATION AND EXTENT
SOUTH CAMPUS MT STATE TRAINING SCHOOL
BUILDING 9 – FIRST FLOOR
LEAD BASED PAINT SURVEY

DATE:
12/04/18

SCALE:
N.T.S.

Figure
8



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LBP LOCATION AND EXTENT
SOUTH CAMPUS MT STATE TRAINING SCHOOL
BUILDING 9 – SECOND FLOOR
LEAD BASED PAINT SURVEY

DATE:
12/04/18

SCALE:
N.T.S.

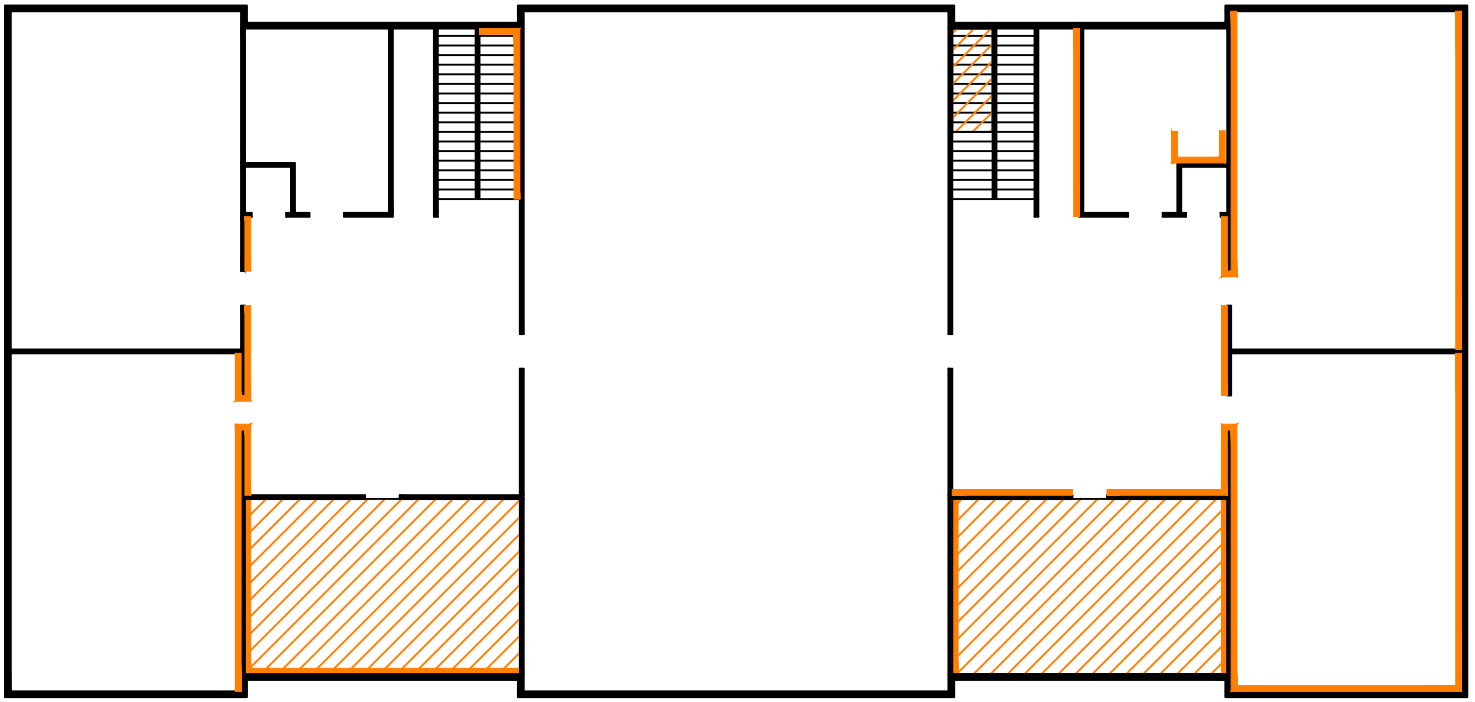
Figure
9

LEGEND:

LBP LEAD BASED PAINT

LEAD BASED PAINT

LEAD BASED PAINT



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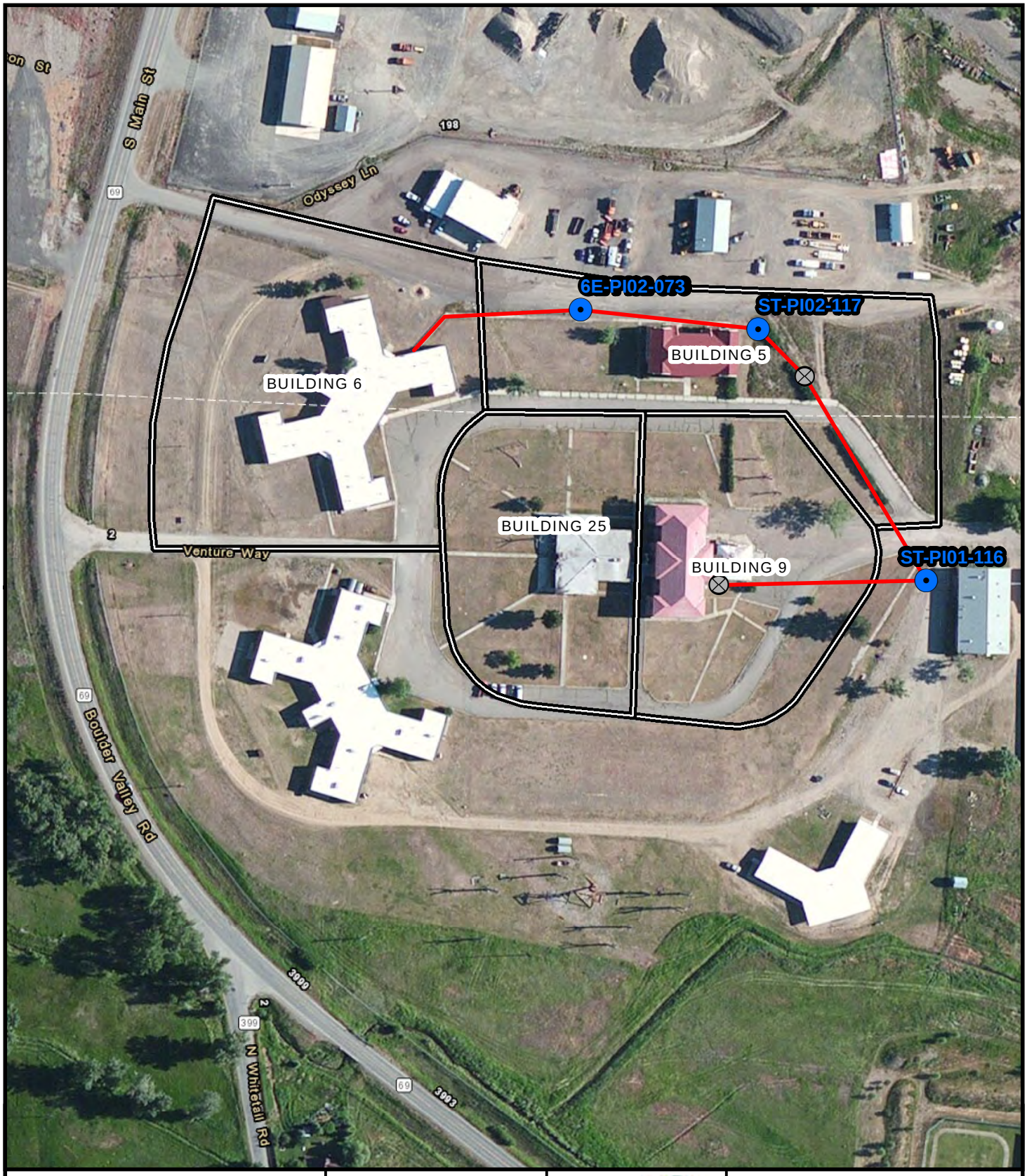
LBP LOCATION AND EXTENT
SOUTH CAMPUS MT STATE TRAINING SCHOOL
BUILDING 9 – THIRD FLOOR
LEAD BASED PAINT SURVEY

DATE: 12/04/18

SCALE: N.T.S.

Figure 10



Legend

- Sample Location
- Manhole Locations (Approximate)
- Steam Tunnels (Approximate)
- Property Parcels

0 90 180 360 Feet

N

Prepared for:
U.S. EPA Region 8

Contract No.:
EP-S8-13-01

TDD:
1808-05

TO:
0003

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FIGURE 11
STEAM TUNNELS MAP
SOUTH CAMPUS
MONTANA STATE TRAINING SCHOOL
BOULDER, MONTANA

Date: 9/12/2016

TABLES

Table 1
ACM Sample Results and Estimated Volumes

Sample ID	Physical Description	ACM Layer	Asbestos Type and Percent Composition (by PLM Method)	Point Count Method Result	Estimated Volume
Building 9 Roof					
9T-RM01-112	Roofing Material	A - Gray fibrous cementitious material w/ red paint	Chrysotile 15%	--	10,000 sq. ft.
9T-RM01-114	Roofing Material	A - Gray fibrous cementitious material w/ red paint	Chrysotile 15%	--	
9T-RM01-115	Roofing Material	A - Gray fibrous cementitious material w/ red paint	Chrysotile 15%	--	
Building 9 Second Floor					
9S-FT01-118	Floor Tile	B - Tan/off white floor tile	Chrysotile 12%	--	1,450 sq. ft.
9S-FT02-119	Floor Tile	B - Light brown/off white floor tile	Chrysotile 7%	--	
9S-BG01-121	Baseboard Glue	A - Tan glazing w/ green paint	Chrysotile 3%	4.00	1,600 LF
9S-BG01-128	Baseboard Glue	A - Tan glazing	Chrysotile 6%	--	
9S-BG01-135	Baseboard Glue	A - Tan glazing w/ off white/multi-colored paint	Chrysotile 6%	--	
9S-BG01-152	Baseboard Glue	A - Tan glazing w/ green/white paint	Chrysotile 6%	--	
9S-PL01-122	Plaster	A - Tan resinous material	Chrysotile 7%	--	23,000 sq. ft.
9S-PL01-157	Plaster	C - Off white compound	Chrysotile 3%	2.25	
9S-FT01-126	Floor Tile	A - Black mastic	Chrysotile 18%	--	430 sq. ft.
		B - Tan/multi-colored floor tile	Chrysotile 15%	--	
9S-FT02-127	Floor Tile	A - Black mastic	Chrysotile 18%	--	
		B - Off white/maroon floor tile	Chrysotile 12%	--	
9S-FT04-130	Floor Tile	A - Black mastic	Chrysotile 18%	--	250 sq. ft.
		B - Tan/multi-colored floor tile	Chrysotile 16%	--	
9S-FT01-137	Floor Tile	A - Black mastic	Chrysotile 17%	--	1,350 sq. ft.
		B - Tan/brown floor tile	Chrysotile 15%	--	
9S-FT02-138	Floor Tile	B - Off white/maroon floor tile	Chrysotile 13%	--	
9S-RM01-139	Roofing Material	A - Black fibrous tar	Chrysotile 18%	--	500 sq. ft.
9S-FT01-147	Floor Tile	A - Black mastic	Chrysotile 15%	--	250 sq. ft.
		B - Tan/off white floor tile	Chrysotile 12%	--	
9S-FT02-148	Floor Tile	A - Black mastic	Chrysotile 13%	--	
		B - Off white/maroon floor tile	Chrysotile 13%	--	
9S-FT03-149	Floor Tile	A - Black mastic	Chrysotile 15%	--	
9S-FT01-153	Floor Tile	B - Tan floor tile	Chrysotile 12%	--	1,200 sq. ft.
9S-FT02-154	Floor Tile	A - Black mastic	Chrysotile 17%	--	
		B - Off white/tan floor tile	Chrysotile 13%	--	
9S-DW01-321	Drywall	D - White compound	Chrysotile 3%	--	220 sq. ft.
		E - White joint compound	Chrysotile 3%	--	
9S-DW01-322	Drywall	D - White compound	Chrysotile 3%	--	
		E - White joint compound	Chrysotile 3%	--	
Building 9 First Floor					
9F-LN01-168	Linoleum	B - Gray/white sheet vinyl w/ tan fibrous backing material	Chrysotile 25%	--	300 sq. ft.
9F-LN01-171	Linoleum	B - Off white/multi-colored sheet vinyl w/ tan fibrous backing material	Chrysotile 30%	--	750 sq. ft.
9F-LN03-174	Linoleum	A - Tan/off white mastic	Chrysotile 3%	1.75	1,400 sq. ft.
9F-FT01-177	Floor Tile	B - Gray/black/off white floor tile	Chrysotile 15%	--	250 sq. ft.
9F-LN01-185	Linoleum	B - Off white/multi-colored sheet vinyl w/ off white fibrous backing material	Chrysotile 30%	--	200 sq. ft.
Steam Tunnel					
ST-PI01-116	Pipe Insulation	A - Gray wrap	Chrysotile 90%	--	200 LF
ST-PI02-117	Pipe Insulation	A - Tan fibrous plaster	Chrysotile 22% and Amosite 8%	--	

Table 2
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
XRF - Calibration Checks									
114	8/3/2016	14:43:18	N/A	SRM 2570	N/A	N/A	WHITE	0	0
115	8/3/2016	14:43:44	N/A	SRM 2571	N/A	N/A	YELLOW	3.47	0.33
116	8/3/2016	14:44:10	N/A	SRM 2572	N/A	N/A	ORANGE	1.91	0.2
117	8/3/2016	14:44:40	N/A	SRM 2573	N/A	N/A	RED	1.14	0.07
118	8/3/2016	14:45:24	N/A	SRM 2574	N/A	N/A	GOLD	0.63	0.04
119	8/3/2016	14:46:19	N/A	SRM 2575	N/A	N/A	GREEN	0.37	0.03
245	8/3/2016	17:01:31	N/A	SRM 2570	N/A	N/A	WHITE	0	0
246	8/3/2016	17:02:09	N/A	SRM 2571	N/A	N/A	YELLOW	3.59	0.35
247	8/3/2016	17:02:41	N/A	SRM 2572	N/A	N/A	ORANGE	1.55	0.15
248	8/3/2016	17:03:11	N/A	SRM 2573	N/A	N/A	RED	1.12	0.06
249	8/3/2016	17:04:01	N/A	SRM 2574	N/A	N/A	GOLD	0.67	0.04
250	8/3/2016	17:04:52	N/A	SRM 2575	N/A	N/A	GREEN	0.3	0.03
3	8/4/2016	9:14:06	N/A	SRM 2570	N/A	N/A	WHITE	0	0
4	8/4/2016	9:14:35	N/A	SRM 2571	N/A	N/A	YELLOW	3.63	0.34
5	8/4/2016	9:15:03	N/A	SRM 2572	N/A	N/A	ORANGE	1.66	0.15
6	8/4/2016	9:15:38	N/A	SRM 2573	N/A	N/A	RED	1.15	0.08
7	8/4/2016	9:16:21	N/A	SRM 2574	N/A	N/A	GOLD	0.67	0.04
8	8/4/2016	9:17:21	N/A	SRM 2575	N/A	N/A	GREEN	0.37	0.03
220	8/4/2016	13:08:20	N/A	SRM 2570	N/A	N/A	WHITE	0	0
221	8/4/2016	13:08:46	N/A	SRM 2571	N/A	N/A	YELLOW	3.37	0.32
222	8/4/2016	13:09:12	N/A	SRM 2572	N/A	N/A	ORANGE	1.46	0.14
223	8/4/2016	13:09:39	N/A	SRM 2573	N/A	N/A	RED	1.06	0.05
224	8/4/2016	13:10:33	N/A	SRM 2574	N/A	N/A	GOLD	0.56	0.08
225	8/4/2016	13:11:03	N/A	SRM 2575	N/A	N/A	GREEN	0.36	0.03
228	8/4/2016	14:32:43	N/A	SRM 2570	N/A	N/A	WHITE	0	0
229	8/4/2016	14:33:13	N/A	SRM 2571	N/A	N/A	YELLOW	3.92	0.38
230	8/4/2016	14:33:37	N/A	SRM 2572	N/A	N/A	ORANGE	1.54	0.14
231	8/4/2016	14:34:03	N/A	SRM 2573	N/A	N/A	RED	1.06	0.05
232	8/4/2016	14:34:56	N/A	SRM 2574	N/A	N/A	GOLD	0.66	0.04
233	8/4/2016	14:35:49	N/A	SRM 2575	N/A	N/A	GREEN	0.41	0.07
425	8/4/2016	17:35:53	N/A	SRM 2570	N/A	N/A	WHITE	0	0
426	8/4/2016	17:36:22	N/A	SRM 2571	N/A	N/A	YELLOW	3.54	0.35
427	8/4/2016	17:36:50	N/A	SRM 2572	N/A	N/A	ORANGE	1.6	0.15
428	8/4/2016	17:37:20	N/A	SRM 2573	N/A	N/A	RED	0.98	0.05
429	8/4/2016	17:38:16	N/A	SRM 2574	N/A	N/A	GOLD	0.67	0.06
430	8/4/2016	17:38:55	N/A	SRM 2575	N/A	N/A	GREEN	0.31	0.03
Screening Results									
120	**8/3/2016**	**14:58:51**	**3RD FLOOR SOUTH**	**room A**	**WALL**	**PLASTER**	**LT BLUE**	**1**	**0.05**
121	8/3/2016	14:59:19	3RD FLOOR SOUTH	room A	WALL	PLASTER	LT BLUE	0.36	0.05
122	**8/3/2016**	**14:59:48**	**3RD FLOOR SOUTH**	**room A**	**WALL**	**PLASTER**	**LT BLUE**	**1**	**0.03**
123	8/3/2016	15:00:42	3RD FLOOR SOUTH	room A	WALL	PLASTER	LT BLUE	0.37	0.03
124	8/3/2016	15:02:28	3RD FLOOR SOUTH	room A	WINDOW FRAME	WOOD	YELLOW	0.15	0.03
125	8/3/2016	15:02:46	3RD FLOOR SOUTH	room A	WINDOW FRAME	WOOD	YELLOW	0.2	0.04
126	8/3/2016	15:03:11	3RD FLOOR SOUTH	room A	WINDOW SASH	WOOD	YELLOW	0.26	0.05
127	8/3/2016	15:03:39	3RD FLOOR SOUTH	room A	WINDOW SASH	WOOD	YELLOW	0.18	0.04
128	8/3/2016	15:05:10	3RD FLOOR SOUTH	room A	CEILING	PLASTER	YELLOW	0.21	0.04
129	8/3/2016	15:06:47	3RD FLOOR SOUTH	room A	DOOR	WOOD	YELLOW	0.18	0.03
130	8/3/2016	15:07:09	3RD FLOOR SOUTH	room A	DOOR FRAME	WOOD	YELLOW	0.25	0.05
131	**8/3/2016**	**15:09:07**	**3RD FLOOR SOUTH**	**room B**	**WALL**	**PLASTER**	**PINK**	**1**	**0.05**
132	**8/3/2016**	**15:09:35**	**3RD FLOOR SOUTH**	**room B**	**WALL**	**PLASTER**	**PINK**	**1**	**0.03**
133	8/3/2016	15:10:08	3RD FLOOR SOUTH	room B	WALL	PLASTER	PINK	0.32	0.03
134	**8/3/2016**	**15:11:07**	**3RD FLOOR SOUTH**	**room B**	**WALL**	**PLASTER**	**PINK**	**1**	**0.03**
135	8/3/2016	15:11:45	3RD FLOOR SOUTH	room B	WALL	PLASTER	PINK	0.24	0.05
136	8/3/2016	15:12:09	3RD FLOOR SOUTH	room B	WALL	PLASTER	PINK	0.36	0.03
137	8/3/2016	15:13:39	3RD FLOOR SOUTH	room B	WINDOW FRAME	WOOD	YELLOW	0.15	0.03
138	8/3/2016	15:13:59	3RD FLOOR SOUTH	room B	WINDOW FRAME	WOOD	YELLOW	0.19	0.05
139	8/3/2016	15:14:26	3RD FLOOR SOUTH	room B	WINDOW SASH	WOOD	YELLOW	0.18	0.04
140	8/3/2016	15:14:47	3RD FLOOR SOUTH	room B	WINDOW SASH	WOOD	YELLOW	0.16	0.04
141	8/3/2016	15:15:45	3RD FLOOR SOUTH	room B	CEILING	PLASTER	YELLOW	0.16	0.03
142	8/3/2016	15:16:39	3RD FLOOR SOUTH	room B	DOOR FRAME	WOOD	YELLOW	0.13	0.03
143	8/3/2016	15:17:12	3RD FLOOR SOUTH	room B	DOOR FRAME	WOOD	YELLOW	0.19	0.05
144	8/3/2016	15:18:36	3RD FLOOR SOUTH	room C	WALL	PLASTER	WHITE	0.11	0.03
145	8/3/2016	15:20:16	3RD FLOOR SOUTH	room C	WALL	PLASTER	WHITE	0.06	0.02
146	8/3/2016	15:20:41	3RD FLOOR SOUTH	room C	WALL	PLASTER	WHITE	0.09	0.04

Table 2
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
147	8/3/2016	15:21:11	3RD FLOOR SOUTH	room C	WALL	PLASTER	WHITE	0.07	0.03
148	8/3/2016	15:21:38	3RD FLOOR SOUTH	room C	WALL	PLASTER	PINK	0.17	0.04
149	**8/3/2016**	**15:22:05**	**3RD FLOOR SOUTH**	**room C**	**WALL**	**PLASTER**	**PINK**	**1**	**0.03**
150	8/3/2016	15:22:36	3RD FLOOR SOUTH	room C	WALL	PLASTER	PINK	0.08	0.03
151	**8/3/2016**	**15:23:02**	**3RD FLOOR SOUTH**	**room C**	**WALL**	**PLASTER**	**PINK**	**1**	**0.05**
152	8/3/2016	15:24:18	3RD FLOOR SOUTH	room C	WINDOW FRAME	WOOD	PINK	0.39	0.15
153	8/3/2016	15:24:48	3RD FLOOR SOUTH	room C	WINDOW FRAME	WOOD	PINK	0.14	0.06
154	8/3/2016	15:25:29	3RD FLOOR SOUTH	room C	WINDOW SASH	WOOD	PINK	0.18	0.05
155	8/3/2016	15:26:05	3RD FLOOR SOUTH	room C	WINDOW SASH	WOOD	PINK	0.3	0.08
156	**8/3/2016**	**15:27:00**	**3RD FLOOR SOUTH**	**room C**	**CEILING**	**PLASTER**	**PINK**	**1**	**0.04**
157	**8/3/2016**	**15:27:57**	**3RD FLOOR SOUTH**	**room C**	**DOOR FRAME**	**WOOD**	**PINK**	**1**	**0.1**
158	8/3/2016	15:28:18	3RD FLOOR SOUTH	room C	DOOR FRAME	WOOD	PINK	0.17	0.02
159	8/3/2016	15:29:12	3RD FLOOR SOUTH	room C	TRIM	WOOD	PINK	0.14	0.04
160	8/3/2016	15:29:50	3RD FLOOR SOUTH	room C	DOOR FRAME	WOOD	DK BROWN	0.05	0.02
161	8/3/2016	15:30:52	3RD FLOOR SOUTH	room D	WALL	PLASTER	PINK	0.26	0.05
162	8/3/2016	15:31:09	3RD FLOOR SOUTH	room D	WALL	PLASTER	PINK	0.37	0.07
163	8/3/2016	15:31:23	3RD FLOOR SOUTH	room D	WALL	PLASTER	PINK	0.32	0.06
164	8/3/2016	15:31:41	3RD FLOOR SOUTH	room D	WALL	PLASTER	PINK	0.3	0.06
165	8/3/2016	15:32:04	3RD FLOOR SOUTH	room D	WALL	PLASTER	YELLOW	0.45	0.03
166	**8/3/2016**	**15:32:52**	**3RD FLOOR SOUTH**	**room D**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.03**
167	**8/3/2016**	**15:33:37**	**3RD FLOOR SOUTH**	**room D**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.06**
168	8/3/2016	15:34:56	3RD FLOOR SOUTH	room D	WINDOW FRAME	WOOD	YELLOW	0.2	0.05
169	8/3/2016	15:35:20	3RD FLOOR SOUTH	room D	WINDOW SASH	WOOD	YELLOW	0.15	0.04
170	8/3/2016	15:35:46	3RD FLOOR SOUTH	room D	WINDOW SILL	WOOD	YELLOW	0.28	0.06
171	8/3/2016	15:36:13	3RD FLOOR SOUTH	room D	DOOR FRAME	WOOD	YELLOW	0.08	0.02
172	8/3/2016	15:36:40	3RD FLOOR SOUTH	room D	DOOR	WOOD	YELLOW	0.15	0.03
173	8/3/2016	15:38:13	3RD FLOOR SOUTH	room D	CEILING	PLASTER	YELLOW	0.31	0.06
174	8/3/2016	15:39:40	3RD FLOOR SOUTH	room E	WALL	PLASTER	ORANGE	0.35	0.05
175	8/3/2016	15:39:57	3RD FLOOR SOUTH	room E	WALL	PLASTER	ORANGE	0.33	0.05
176	8/3/2016	15:40:27	3RD FLOOR SOUTH	room E	DOOR FRAME	WOOD	DK BROWN	0.09	0.04
177	8/3/2016	15:40:53	3RD FLOOR SOUTH	room E	DOOR	WOOD	DK BROWN	0.08	0.02
178	**8/3/2016**	**15:41:31**	**3RD FLOOR SOUTH**	**room F**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.03**
179	**8/3/2016**	**15:42:23**	**3RD FLOOR SOUTH**	**room F**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.04**
180	8/3/2016	15:42:52	3RD FLOOR SOUTH	room F	WALL	PLASTER	YELLOW	0.51	0.05
181	**8/3/2016**	**15:43:26**	**3RD FLOOR SOUTH**	**room F**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.03**
182	8/3/2016	15:44:20	3RD FLOOR SOUTH	room F	WALL	PLASTER	YELLOW	0.17	0.04
183	8/3/2016	15:45:32	3RD FLOOR SOUTH	room F	WALL	PLASTER	YELLOW	0.56	0.08
184	8/3/2016	15:45:48	3RD FLOOR SOUTH	room F	WALL	PLASTER	YELLOW	0.37	0.06
185	8/3/2016	15:46:13	3RD FLOOR SOUTH	room F	WALL	PLASTER	YELLOW	0.49	0.07
186	8/3/2016	15:46:55	3RD FLOOR SOUTH	room F	WALL	PLASTER	WHITE	0.06	0.02
187	8/3/2016	15:47:10	3RD FLOOR SOUTH	room F	WALL	PLASTER	WHITE	0.08	0.04
188	8/3/2016	15:48:20	3RD FLOOR SOUTH	room F	WALL	PLASTER	PINK	0.53	0.09
189	8/3/2016	15:48:37	3RD FLOOR SOUTH	room F	WALL	PLASTER	PINK	0.42	0.07
190	**8/3/2016**	**15:49:07**	**3RD FLOOR SOUTH**	**room F**	**CEILING**	**PLASTER**	**LT BLUE**	**1**	**0.01**
191	8/3/2016	15:57:14	3RD FLOOR NORTH	room A	WALL	PLASTER	PINK	0.18	0.02
192	8/3/2016	15:57:56	3RD FLOOR NORTH	room A	WALL	PLASTER	PINK	0.14	0.04
193	8/3/2016	15:58:21	3RD FLOOR NORTH	room A	WALL	PLASTER	PINK	0.16	0.02
194	8/3/2016	15:59:06	3RD FLOOR NORTH	room A	WALL	PLASTER	PINK	0.19	0.02
195	8/3/2016	15:59:39	3RD FLOOR NORTH	room A	WALL	PLASTER	PINK	0.23	0.05
196	8/3/2016	16:00:29	3RD FLOOR NORTH	room A	WINDOW FRAME	WOOD	GREEN	0.08	0.03
197	8/3/2016	16:01:04	3RD FLOOR NORTH	room A	WINDOW SASH	WOOD	GREEN	0.09	0.04
198	8/3/2016	16:02:11	3RD FLOOR NORTH	room A	CEILING	PLASTER	GREEN	0.36	0.07
199	8/3/2016	16:02:49	3RD FLOOR NORTH	room A	DOOR FRAME	WOOD	GREEN	0.11	0.03
200	8/3/2016	16:03:23	3RD FLOOR NORTH	room A	DOOR	WOOD	GREEN	0.09	0.03
201	8/3/2016	16:06:00	3RD FLOOR NORTH	room A	WINDOW FRAME	WOOD	GREEN	0.06	0.03
202	**8/3/2016**	**16:07:38**	**3RD FLOOR NORTH**	**room B**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.02**
203	8/3/2016	16:08:32	3RD FLOOR NORTH	room B	WALL	PLASTER	GREEN	0.22	0.04
204	8/3/2016	16:08:51	3RD FLOOR NORTH	room B	WALL	PLASTER	GREEN	0.23	0.02
205	8/3/2016	16:09:37	3RD FLOOR NORTH	room B	WALL	PLASTER	GREEN	0.22	0.03
206	8/3/2016	16:10:28	3RD FLOOR NORTH	room B	WALL	PLASTER	GREEN	0.16	0.03
207	**8/3/2016**	**16:11:13**	**3RD FLOOR NORTH**	**room B**	**WALL**	**PLASTER**	**LT BLUE**	**1**	**0.03**
208	8/3/2016	16:12:09	3RD FLOOR NORTH	room B	WINDOW FRAME	WOOD	YELLOW	0.09	0.03
209	8/3/2016	16:12:33	3RD FLOOR NORTH	room B	WINDOW SASH	WOOD	YELLOW	0.11	0.04
210	8/3/2016	16:13:25	3RD FLOOR NORTH	room B	CEILING	PLASTER	YELLOW	0.21	0.03
211	8/3/2016	16:14:05	3RD FLOOR NORTH	room B	CEILING	PLASTER	YELLOW	0.48	0.12

Table 2
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
212	8/3/2016	16:14:44	3RD FLOOR NORTH	room B	DOOR FRAME	WOOD	YELLOW	0.1	0.03
213	8/3/2016	16:16:00	3RD FLOOR NORTH	room C	WALL	PLASTER	CREAM	0.03	0.02
214	8/3/2016	16:17:28	3RD FLOOR NORTH	room C	WALL	PLASTER	CREAM	0.07	0.03
215	8/3/2016	16:17:49	3RD FLOOR NORTH	room C	WALL	PLASTER	CREAM	0.07	0.03
216	8/3/2016	16:18:06	3RD FLOOR NORTH	room C	WALL	PLASTER	CREAM	0.01	0.01
217	**8/3/2016**	**16:18:34**	**3RD FLOOR NORTH**	**room C**	**WALL**	**PLASTER**	**PINK**	**1**	**0.03**
218	8/3/2016	16:18:57	3RD FLOOR NORTH	room C	WALL	PLASTER	PINK	0.02	0.02
219	8/3/2016	16:19:28	3RD FLOOR NORTH	room C	WALL	PLASTER	PINK	0.03	0.03
220	**8/3/2016**	**16:20:04**	**3RD FLOOR NORTH**	**room C**	**WALL**	**PLASTER**	**PINK**	**1**	**0.02**
221	8/3/2016	16:21:14	3RD FLOOR NORTH	room C	WINDOW FRAME	WOOD	WHITE	0.29	0.11
222	8/3/2016	16:21:49	3RD FLOOR NORTH	room C	WINDOW SASH	WOOD	WHITE	0.07	0.04
223	**8/3/2016**	**16:22:40**	**3RD FLOOR NORTH**	**room C**	**CEILING**	**PLASTER**	**PINK**	**1**	**0.03**
224	8/3/2016	16:24:06	3RD FLOOR NORTH	room D	WALL	PLASTER	CREAM	0.25	0.06
225	8/3/2016	16:24:24	3RD FLOOR NORTH	room D	WALL	PLASTER	CREAM	0.23	0.05
226	8/3/2016	16:26:53	3RD FLOOR NORTH	room D	WALL	PLASTER	CREAM	0.26	0.06
227	8/3/2016	16:27:10	3RD FLOOR NORTH	room D	WALL	PLASTER	CREAM	0.08	0.01
228	8/3/2016	16:27:49	3RD FLOOR NORTH	room D	WALL	PLASTER	CREAM	0.07	0.01
229	8/3/2016	16:28:33	3RD FLOOR NORTH	room D	WALL	PLASTER	CREAM	0.09	0.03
230	8/3/2016	16:29:25	3RD FLOOR NORTH	room E	WALL	PLASTER	CREAM	0.08	0.02
231	8/3/2016	16:29:49	3RD FLOOR NORTH	room E	WALL	PLASTER	CREAM	0.08	0.03
232	8/3/2016	16:30:46	3RD FLOOR NORTH	room F	WALL	PLASTER	CREAM	0.11	0.03
233	**8/3/2016**	**16:31:08**	**3RD FLOOR NORTH**	**room F**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.03**
234	8/3/2016	16:31:33	3RD FLOOR NORTH	room F	WALL	PLASTER	CREAM	0.19	0.05
235	8/3/2016	16:31:57	3RD FLOOR NORTH	room F	WALL	PLASTER	CREAM	0.13	0.03
236	**8/3/2016**	**16:32:24**	**3RD FLOOR NORTH**	**room F**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.04**
237	**8/3/2016**	**16:32:46**	**3RD FLOOR NORTH**	**room F**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.05**
238	8/3/2016	16:33:59	3RD FLOOR NORTH	room F	DOOR	WOOD	CREAM	0.14	0.04
239	8/3/2016	16:34:52	3RD FLOOR EXTERIOR	N/A	TRIM	WOOD	DK BROWN	0.19	0.04
240	**8/3/2016**	**16:39:35**	**3RD FLOOR NORTH**	**room G**	**WALL**	**PLASTER**	**PINK**	**1**	**0.02**
241	**8/3/2016**	**16:40:25**	**3RD FLOOR NORTH**	**room G**	**WALL**	**PLASTER**	**PINK**	**1**	**0.02**
242	8/3/2016	16:41:30	3RD FLOOR NORTH	room G	WALL	PLASTER	LT BLUE	0.15	0.06
243	8/3/2016	16:41:47	3RD FLOOR NORTH	room G	WALL	PLASTER	LT BLUE	0.06	0.03
244	**8/3/2016**	**16:42:31**	**3RD FLOOR NORTH**	**room G**	**WALL**	**PLASTER**	**PINK**	**1**	**0.03**
9	8/4/2016	9:32:45	2ND NORTH	room A	WALL	PLASTER	CREAM	0.18	0.04
10	**8/4/2016**	**9:33:06**	**2ND NORTH**	**room A**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.06**
11	**8/4/2016**	**9:33:42**	**2ND NORTH**	**room A**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.06**
12	8/4/2016	9:34:09	2ND NORTH	room A	WALL	PLASTER	CREAM	0.02	0.03
13	8/4/2016	9:36:16	2ND NORTH	room A	WALL	PLASTER	CREAM	0.37	0.07
14	**8/4/2016**	**9:36:37**	**2ND NORTH**	**room A**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.07**
15	8/4/2016	9:37:11	2ND NORTH	room A	WALL	PLASTER	CREAM	0.38	0.08
16	8/4/2016	9:37:54	2ND NORTH	room A	WINDOW FRAME	WOOD	CORAL	0.5	0.08
17	8/4/2016	9:38:18	2ND NORTH	room A	WINDOW SASH	WOOD	CORAL	0.56	0.08
18	8/4/2016	9:38:37	2ND NORTH	room A	WINDOW SASH	WOOD	CORAL	0.5	0.07
19	8/4/2016	9:39:05	2ND NORTH	room A	WINDOW SILL	WOOD	CORAL	0.97	0.06
20	8/4/2016	9:39:54	2ND NORTH	room A	WINDOW SILL	WOOD	CORAL	0.54	0.07
21	8/4/2016	9:40:54	2ND NORTH	room A	DOOR FRAME	WOOD	CORAL	0.01	0.02
22	**8/4/2016**	**9:44:52**	**2ND NORTH**	**room A**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.08**
23	8/4/2016	9:46:18	2ND NORTH	room A	TRIM	WOOD	DK BROWN	0	0
24	8/4/2016	9:51:04	2ND NORTH	room B	WALL	PLASTER	YELLOW	0.29	0.06
25	**8/4/2016**	**9:51:29**	**2ND NORTH**	**room B**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.11**
26	**8/4/2016**	**9:51:53**	**2ND NORTH**	**room B**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.04**
27	8/4/2016	9:52:23	2ND NORTH	room B	WALL	PLASTER	YELLOW	0.08	0.03
28	8/4/2016	9:53:30	2ND NORTH	room B	WALL	PLASTER	DK BROWN	0.24	0.04
29	**8/4/2016**	**9:53:49**	**2ND NORTH**	**room B**	**WALL**	**PLASTER**	**DK BROWN**	**1**	**0.08**
30	8/4/2016	9:54:17	2ND NORTH	room B	WALL	PLASTER	DK BROWN	0.61	0.09
31	8/4/2016	9:54:44	2ND NORTH	room B	WALL	PLASTER	DK BROWN	0.1	0.03
32	8/4/2016	9:55:22	2ND NORTH	room B	WINDOW FRAME	WOOD	DK BROWN	0.52	0.08
33	8/4/2016	9:55:43	2ND NORTH	room B	WINDOW SASH	WOOD	DK BROWN	0.58	0.08
34	**8/4/2016**	**9:57:03**	**2ND NORTH**	**room B**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.05**
35	8/4/2016	10:00:23	2ND NORTH	room C	WALL	PLASTER	YELLOW	0.24	0.05
36	**8/4/2016**	**10:00:36**	**2ND NORTH**	**room C**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.07**
37	**8/4/2016**	**10:01:03**	**2ND NORTH**	**room C**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.04**
38	8/4/2016	10:01:35	2ND NORTH	room C	WALL	PLASTER	YELLOW	0.16	0.04
39	8/4/2016	10:01:58	2ND NORTH	room C	WALL	PLASTER	YELLOW	0.34	0.07
40	**8/4/2016**	**10:02:20**	**2ND NORTH**	**room C**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.09**

Table 2
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
41	8/4/2016	10:04:11	2ND NORTH	room C	WINDOW FRAME	WOOD	WHITE	0.59	0.08
42	8/4/2016	10:04:33	2ND NORTH	room C	WINDOW SASH	WOOD	WHITE	0.61	0.08
43	8/4/2016	10:05:01	2ND NORTH	room C	DOOR FRAME	WOOD	WHITE	0.2	0.05
44	8/4/2016	10:06:36	2ND NORTH	room C	CEILING	PLASTER	WHITE	0.03	0.01
45	**8/4/2016**	**10:07:27**	**2ND NORTH**	**room C**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.02**
46	**8/4/2016**	**10:09:29**	**2ND NORTH**	**room D**	**WALL**	**PLASTER**	**BLUE**	**1**	**0.05**
47	**8/4/2016**	**10:09:55**	**2ND NORTH**	**room D**	**WALL**	**PLASTER**	**BLUE**	**1**	**0.04**
48	**8/4/2016**	**10:10:43**	**2ND NORTH**	**room D**	**WALL**	**PLASTER**	**BLUE**	**1**	**0.08**
49	8/4/2016	10:11:15	2ND NORTH	room D	WALL	PLASTER	BLUE	0.1	0.03
50	8/4/2016	10:12:22	2ND NORTH	room D	WINDOW FRAME	WOOD	WHITE	0.09	0.03
51	8/4/2016	10:13:00	2ND NORTH	room D	WINDOW SASH	WOOD	WHITE	0.09	0.03
52	8/4/2016	10:13:29	2ND NORTH	room D	DOOR	WOOD	WHITE	0.22	0.05
53	8/4/2016	10:13:55	2ND NORTH	room D	DOOR FRAME	WOOD	WHITE	0.14	0.05
54	8/4/2016	10:16:59	2ND NORTH	room D	CEILING	PLASTER	WHITE	0.06	0.03
55	**8/4/2016**	**10:17:57**	**2ND NORTH**	**room E**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.08**
56	**8/4/2016**	**10:18:23**	**2ND NORTH**	**room E**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.05**
57	8/4/2016	10:19:02	2ND NORTH	room E	WALL	PLASTER	WHITE	0.61	0.07
58	8/4/2016	10:19:56	2ND NORTH	room E	WALL	PLASTER	WHITE	0.18	0.05
59	8/4/2016	10:21:00	2ND NORTH	room E	WALL	PLASTER	WHITE	0.5	0.06
60	**8/4/2016**	**10:23:18**	**2ND NORTH**	**room E**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.08**
61	**8/4/2016**	**10:24:31**	**2ND NORTH**	**room F**	**WALL**	**PLASTER**	**WHITE**	**1.02**	**0.04**
62	8/4/2016	10:25:12	2ND NORTH	room F	WALL	PLASTER	WHITE	0.75	0.08
63	8/4/2016	10:25:29	2ND NORTH	room F	WALL	PLASTER	WHITE	0.69	0.07
64	8/4/2016	10:25:46	2ND NORTH	room F	WALL	PLASTER	WHITE	0.72	0.08
65	8/4/2016	10:26:12	2ND NORTH	room F	WALL	PLASTER	WHITE	0.46	0.05
66	8/4/2016	10:26:57	2ND NORTH	room F	DOOR FRAME	METAL	WHITE	0.22	0.04
67	**8/4/2016**	**10:27:21**	**2ND NORTH**	**room F**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.05**
68	8/4/2016	10:28:10	2ND NORTH	room F	WALL	PLASTER	WHITE	0.64	0.07
69	8/4/2016	10:28:28	2ND NORTH	room F	WALL	PLASTER	WHITE	0.65	0.04
70	**8/4/2016**	**10:29:26**	**2ND NORTH**	**room F**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.06**
71	**8/4/2016**	**10:29:59**	**2ND NORTH**	**room F**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.11**
72	8/4/2016	10:30:35	2ND NORTH	room F	WALL	PLASTER	YELLOW	0.3	0.03
73	8/4/2016	10:31:05	2ND NORTH	room F	WALL	PLASTER	YELLOW	0.24	0.04
74	8/4/2016	10:32:33	2ND NORTH	room F	WALL	PLASTER	WHITE	0	0
75	8/4/2016	10:32:51	2ND NORTH	room F	WALL	PLASTER	WHITE	0	0
76	8/4/2016	10:33:18	2ND NORTH	room F	WALL	PLASTER	LT BLUE	0.06	0.03
77	8/4/2016	10:34:00	2ND NORTH	room F	DOOR	METAL	RED	0.65	0.06
78	8/4/2016	10:35:24	2ND NORTH	room F	CEILING	PLASTER	WHITE	0.09	0.03
79	8/4/2016	10:36:56	2ND CENTRAL	room A	WALL	PLASTER	PINK	0.44	0.07
80	8/4/2016	10:37:10	2ND CENTRAL	room A	WALL	PLASTER	PINK	0.49	0.07
81	8/4/2016	10:37:41	2ND CENTRAL	room A	WALL	PLASTER	YELLOW	0.42	0.06
82	8/4/2016	10:38:10	2ND CENTRAL	room A	WALL	PLASTER	PINK	0.19	0.05
83	8/4/2016	10:38:40	2ND CENTRAL	room A	WINDOW FRAME	WOOD	WHITE	0.12	0.04
84	8/4/2016	10:39:01	2ND CENTRAL	room A	WINDOW SASH	WOOD	WHITE	0.15	0.04
85	8/4/2016	10:39:36	2ND CENTRAL	room A	DOOR	WOOD	PINK	0.09	0.03
86	8/4/2016	10:42:38	2ND CENTRAL	room A	CEILING	PLASTER	WHITE	0.11	0.06
87	8/4/2016	10:44:11	2ND CENTRAL	room B	WALL	PLASTER	YELLOW	0.16	0.04
88	8/4/2016	10:44:29	2ND CENTRAL	room B	WALL	PLASTER	YELLOW	0.15	0.02
89	**8/4/2016**	**10:45:10**	**2ND CENTRAL**	**room B**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.04**
90	8/4/2016	10:45:36	2ND CENTRAL	room B	WALL	PLASTER	YELLOW	0.2	0.03
91	8/4/2016	10:48:20	2ND CENTRAL	room B	WINDOW FRAME	WOOD	ORANGE	0.32	0.05
92	8/4/2016	10:50:07	2ND CENTRAL	room B	CEILING	PLASTER	CREAM	0.04	0.02
93	8/4/2016	10:52:57	2ND CENTRAL	room C	WALL	PLASTER	WHITE	0	0
94	8/4/2016	10:53:47	2ND CENTRAL	room C	WALL	PLASTER	WHITE	0.02	0.02
95	8/4/2016	10:54:43	2ND CENTRAL	room C	WALL	PLASTER	WHITE	0.2	0.05
96	8/4/2016	10:55:06	2ND CENTRAL	room C	WALL	PLASTER	WHITE	0	0
97	**8/4/2016**	**10:55:49**	**2ND CENTRAL**	**room C**	**WALL**	**CONCRETE**	**YELLOW**	**5**	**0.78**
98	**8/4/2016**	**10:56:06**	**2ND CENTRAL**	**room C**	**WALL**	**CONCRETE**	**YELLOW**	**5**	**0.62**
99	**8/4/2016**	**10:56:21**	**2ND CENTRAL**	**room C**	**WALL**	**CONCRETE**	**YELLOW**	**5**	**0.55**
100	**8/4/2016**	**10:57:07**	**2ND CENTRAL**	**room C**	**WALL**	**CONCRETE**	**DK BROWN**	**2.25**	**0.26**
101	8/4/2016	10:59:07	2ND CENTRAL	room C	CEILING	PLASTER	WHITE	0	0
102	8/4/2016	11:01:24	2ND CENTRAL	room D	CEILING	PLASTER	WHITE	0.06	0.02
103	8/4/2016	11:01:50	2ND CENTRAL	room D	WALL	PLASTER	YELLOW	0	0
104	**8/4/2016**	**11:03:15**	**2ND CENTRAL**	**room D**	**WALL**	**CONCRETE**	**YELLOW**	**5**	**0.55**
105	**8/4/2016**	**11:03:32**	**2ND CENTRAL**	**room D**	**WALL**	**CONCRETE**	**YELLOW**	**5**	**0.59**

Table 2
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
106	8/4/2016	11:03:59	2ND CENTRAL	room D	DOOR FRAME	WOOD	DK BROWN	0.18	0.04
107	8/4/2016	11:05:34	2ND CENTRAL	room E	WALL	PLASTER	WHITE	0.16	0.04
108	**8/4/2016**	**11:05:48**	**2ND CENTRAL**	**room E**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.05**
109	8/4/2016	11:06:19	2ND CENTRAL	room E	WALL	PLASTER	YELLOW	0.26	0.07
110	**8/4/2016**	**11:06:36**	**2ND CENTRAL**	**room E**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.04**
111	**8/4/2016**	**11:07:41**	**2ND CENTRAL**	**room E**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.04**
112	**8/4/2016**	**11:08:03**	**2ND CENTRAL**	**room E**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.03**
113	**8/4/2016**	**11:10:21**	**2ND CENTRAL**	**room F**	**WALL**	**PLASTER**	**LT BLUE**	**1**	**0.06**
114	**8/4/2016**	**11:10:43**	**2ND CENTRAL**	**room F**	**WALL**	**PLASTER**	**LT BLUE**	**1**	**0.04**
115	**8/4/2016**	**11:11:06**	**2ND CENTRAL**	**room F**	**WALL**	**PLASTER**	**LT BLUE**	**1**	**0.05**
116	**8/4/2016**	**11:11:44**	**2ND CENTRAL**	**room F**	**WALL**	**PLASTER**	**LT BLUE**	**1**	**0.06**
117	**8/4/2016**	**11:12:53**	**2ND CENTRAL**	**room F**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.04**
118	**8/4/2016**	**11:13:13**	**2ND CENTRAL**	**room F**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.04**
119	**8/4/2016**	**11:13:42**	**2ND CENTRAL**	**room F**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.04**
120	8/4/2016	11:14:19	2ND CENTRAL	room F	WINDOW FRAME	WOOD	WHITE	0.41	0.07
121	8/4/2016	11:14:41	2ND CENTRAL	room F	WINDOW SASH	WOOD	WHITE	0.26	0.05
122	8/4/2016	11:17:26	2ND CENTRAL	room F	CEILING	PLASTER	WHITE	0.11	0.04
123	8/4/2016	11:22:49	2ND CENTRAL	room G	WALL	PLASTER	BLUE	0.46	0.04
124	**8/4/2016**	**11:23:25**	**2ND CENTRAL**	**room G**	**WALL**	**PLASTER**	**BLUE**	**1**	**0.03**
125	8/4/2016	11:23:48	2ND CENTRAL	room G	WALL	PLASTER	BLUE	0.5	0.06
126	**8/4/2016**	**11:24:12**	**2ND CENTRAL**	**room G**	**WALL**	**PLASTER**	**BLUE**	**1**	**0.08**
127	**8/4/2016**	**11:24:35**	**2ND CENTRAL**	**room G**	**WALL**	**PLASTER**	**BLUE**	**1**	**0.11**
128	8/4/2016	11:24:53	2ND CENTRAL	room G	WALL	PLASTER	BLUE	0.57	0.09
129	8/4/2016	11:26:59	2ND CENTRAL	room G	TRIM	WOOD	WHITE	0.33	0.08
130	8/4/2016	11:27:31	2ND CENTRAL	room G	DOOR	WOOD	WHITE	0.1	0.03
131	8/4/2016	11:28:58	2ND CENTRAL	room G	DOOR FRAME	WOOD	WHITE	0.08	0.02
132	**8/4/2016**	**11:30:25**	**2ND CENTRAL**	**room G**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.09**
133	**8/4/2016**	**11:31:36**	**2ND CENTRAL**	**room H**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.07**
134	8/4/2016	11:31:58	2ND CENTRAL	room H	WALL	PLASTER	WHITE	0.03	0.04
135	8/4/2016	11:32:12	2ND CENTRAL	room H	WALL	PLASTER	WHITE	0.18	0.05
136	8/4/2016	11:32:41	2ND CENTRAL	room H	WALL	PLASTER	WHITE	0	0
137	**8/4/2016**	**11:33:21**	**2ND CENTRAL**	**room H**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.06**
138	8/4/2016	11:33:41	2ND CENTRAL	room H	WALL	PLASTER	WHITE	0.16	0.04
139	8/4/2016	11:33:56	2ND CENTRAL	room H	WALL	PLASTER	WHITE	0	0.01
140	8/4/2016	11:34:14	2ND CENTRAL	room H	WALL	PLASTER	WHITE	0	0
141	8/4/2016	11:34:57	2ND CENTRAL	room H	WALL	PLASTER	DK BLUE	0.06	0.03
142	**8/4/2016**	**11:35:12**	**2ND CENTRAL**	**room H**	**WALL**	**PLASTER**	**DK BLUE**	**1**	**0.05**
143	8/4/2016	11:35:44	2ND CENTRAL	room H	WALL	PLASTER	DK BLUE	0.36	0.07
144	8/4/2016	11:36:01	2ND CENTRAL	room H	WALL	PLASTER	DK BLUE	0.1	0.06
145	8/4/2016	11:36:44	2ND CENTRAL	room H	WALL	PLASTER	YELLOW	0.02	0.03
146	**8/4/2016**	**11:36:56**	**2ND CENTRAL**	**room H**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.06**
147	8/4/2016	11:37:19	2ND CENTRAL	room H	WALL	PLASTER	YELLOW	0.18	0.05
148	8/4/2016	11:37:49	2ND CENTRAL	room H	WALL	PLASTER	YELLOW	0	0
149	8/4/2016	11:38:46	2ND CENTRAL	room H	DOOR FRAME	WOOD	WHITE	0.03	0.02
150	8/4/2016	11:39:22	2ND CENTRAL	room H	DOOR	WOOD	WHITE	0.17	0.04
151	**8/4/2016**	**11:49:30**	**2ND SOUTH**	**room A**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.09**
152	**8/4/2016**	**11:49:50**	**2ND SOUTH**	**room A**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.05**
153	8/4/2016	11:50:38	2ND SOUTH	room A	WALL	PLASTER	GREEN	0.73	0.1
154	8/4/2016	11:50:54	2ND SOUTH	room A	WALL	PLASTER	GREEN	0.41	0.06
155	8/4/2016	11:51:13	2ND SOUTH	room A	WALL	PLASTER	GREEN	0.07	0.02
156	**8/4/2016**	**11:51:55**	**2ND SOUTH**	**room A**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.08**
157	8/4/2016	11:52:19	2ND SOUTH	room A	WALL	PLASTER	GREEN	0.84	0.06
158	8/4/2016	11:52:57	2ND SOUTH	room A	WINDOW FRAME	WOOD	GREEN	0.17	0.04
159	8/4/2016	11:53:25	2ND SOUTH	room A	WINDOW SASH	WOOD	GREEN	0.28	0.05
160	8/4/2016	11:54:00	2ND SOUTH	room A	DOOR	METAL	GREEN	0.59	0.06
161	8/4/2016	11:54:22	2ND SOUTH	room A	DOOR FRAME	METAL	GREEN	0.34	0.06
162	8/4/2016	11:56:19	2ND SOUTH	room A	CEILING	PLASTER	WHITE	0.07	0.03
163	**8/4/2016**	**11:58:08**	**2ND SOUTH**	**room B**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.02**
164	**8/4/2016**	**11:59:24**	**2ND SOUTH**	**room B**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.09**
165	8/4/2016	11:59:51	2ND SOUTH	room B	WALL	PLASTER	YELLOW	0.7	0.09
166	8/4/2016	12:00:09	2ND SOUTH	room B	WALL	PLASTER	YELLOW	0.66	0.04
167	8/4/2016	12:00:49	2ND SOUTH	room B	WALL	PLASTER	YELLOW	0.65	0.04
168	8/4/2016	12:01:34	2ND SOUTH	room B	WALL	PLASTER	YELLOW	0.01	0.01
169	8/4/2016	12:02:28	2ND SOUTH	room B	WALL	PLASTER	PINK	0.8	0.08
170	**8/4/2016**	**12:02:45**	**2ND SOUTH**	**room B**	**WALL**	**PLASTER**	**PINK**	**1**	**0.07**

Table 2
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
171	8/4/2016	12:03:59	2ND SOUTH	room B	WINDOW FRAME	WOOD	YELLOW	0.17	0.05
172	8/4/2016	12:04:28	2ND SOUTH	room B	WINDOW SASH	WOOD	YELLOW	0.28	0.07
173	8/4/2016	12:05:42	2ND SOUTH	room C	WALL	PLASTER	GREEN	0.29	0.05
174	8/4/2016	12:05:59	2ND SOUTH	room C	WALL	PLASTER	GREEN	0.23	0.04
175	8/4/2016	12:06:33	2ND SOUTH	room C	WALL	PLASTER	GREEN	0.33	0.05
176	8/4/2016	12:06:59	2ND SOUTH	room C	WALL	PLASTER	GREEN	0.31	0.06
177	8/4/2016	12:10:01	2ND SOUTH	room C	CEILING	PLASTER	WHITE	0.04	0.02
178	8/4/2016	12:11:01	2ND SOUTH	room C	WINDOW FRAME	WOOD	GREEN	0.71	0.08
179	8/4/2016	12:11:25	2ND SOUTH	room C	WINDOW SASH	WOOD	GREEN	0.43	0.05
180	8/4/2016	12:12:00	2ND SOUTH	room C	DOOR FRAME	METAL	GREEN	0.52	0.06
181	8/4/2016	12:12:36	2ND SOUTH	room D	DOOR FRAME	METAL	CORAL	0.32	0.05
182	8/4/2016	12:13:03	2ND SOUTH	room D	WALL	PLASTER	CORAL	0.69	0.1
183	**8/4/2016**	**12:13:20**	**2ND SOUTH**	**room D**	**WALL**	**PLASTER**	**CORAL**	**1**	**0.07**
184	8/4/2016	12:14:03	2ND SOUTH	room D	WALL	PLASTER	CORAL	0.27	0.06
185	8/4/2016	12:14:23	2ND SOUTH	room D	WALL	PLASTER	CORAL	0.46	0.07
186	8/4/2016	12:16:15	2ND SOUTH	room D	WINDOW FRAME	WOOD	CORAL	0.19	0.05
187	8/4/2016	12:16:41	2ND SOUTH	room D	WINDOW SASH	WOOD	CORAL	0.22	0.05
188	8/4/2016	12:19:15	2ND SOUTH	room D	CEILING	PLASTER	WHITE	0.1	0.05
189	8/4/2016	12:20:44	2ND SOUTH	room D	CEILING	PLASTER	WHITE	0.03	0.02
190	**8/4/2016**	**12:22:56**	**2ND SOUTH**	**room E**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.05**
191	**8/4/2016**	**12:24:05**	**2ND SOUTH**	**room E**	**WALL**	**PLASTER**	**LT GRAY**	**1.06**	**0.05**
192	**8/4/2016**	**12:24:45**	**2ND SOUTH**	**room E**	**WALL**	**PLASTER**	**LT GRAY**	**1**	**0.06**
193	8/4/2016	12:25:20	2ND SOUTH	room E	WALL	PLASTER	LT GRAY	0.56	0.08
194	**8/4/2016**	**12:25:38**	**2ND SOUTH**	**room E**	**WALL**	**PLASTER**	**LT GRAY**	**1.4**	**0.12**
195	8/4/2016	12:25:55	2ND SOUTH	room E	WALL	PLASTER	LT GRAY	0.8	0.08
196	8/4/2016	12:27:02	2ND SOUTH	room F	WALL	PLASTER	LT GRAY	0.53	0.06
197	8/4/2016	12:27:18	2ND SOUTH	room F	WALL	PLASTER	LT GRAY	0.56	0.07
198	8/4/2016	12:27:34	2ND SOUTH	room F	WALL	PLASTER	LT GRAY	0.37	0.05
199	8/4/2016	12:27:54	2ND SOUTH	room F	WALL	PLASTER	LT GRAY	0.58	0.06
200	**8/4/2016**	**12:30:15**	**2ND SOUTH**	**room F**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.13**
201	8/4/2016	12:31:26	2ND SOUTH	room F	WALL	PLASTER	LT GRAY	0.35	0.07
202	8/4/2016	12:31:48	2ND SOUTH	room F	WALL	PLASTER	LT GRAY	0.66	0.05
203	8/4/2016	12:32:28	2ND SOUTH	room F	WALL	PLASTER	LT GRAY	0.81	0.09
204	**8/4/2016**	**12:33:00**	**2ND SOUTH**	**room F**	**CEILING**	**PLASTER**	**LT BLUE**	**1**	**0.04**
205	8/4/2016	12:33:55	2ND SOUTH	room F	WALL	PLASTER	YELLOW	0.49	0.06
206	8/4/2016	12:34:12	2ND SOUTH	room F	WALL	PLASTER	YELLOW	0.77	0.03
207	**8/4/2016**	**12:34:55**	**2ND SOUTH**	**room F**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.08**
208	8/4/2016	12:35:42	2ND SOUTH	room F	TRIM	WOOD	BROWN	0.36	0.05
209	8/4/2016	12:36:11	2ND SOUTH	room F	DOOR FRAME	METAL	BROWN	0.24	0.04
210	8/4/2016	12:37:25	2ND HALL	room F	WALL	PLASTER	LT BLUE	0.04	0.02
211	8/4/2016	12:37:40	2ND HALL	room F	WALL	PLASTER	LT BLUE	0.04	0.02
212	8/4/2016	12:37:57	2ND HALL	room F	WALL	PLASTER	LT BLUE	0.04	0.02
213	8/4/2016	12:38:26	2ND HALL	room F	WALL	PLASTER	LT BLUE	0.03	0.02
214	8/4/2016	12:38:50	2ND HALL	room F	WALL	PLASTER	LT BLUE	0.4	0.08
215	8/4/2016	12:39:35	2ND HALL	room F	DOOR FRAME	WOOD	BLACK	0.1	0.03
216	8/4/2016	12:42:09	2ND EXTERIOR	N/A	WINDOW FRAME	WOOD	DK BROWN	0.07	0.03
217	8/4/2016	12:43:37	2ND EXTERIOR	N/A	DOOR	METAL	DK BROWN	0.06	0.06
218	8/4/2016	12:44:50	2ND EXTERIOR	N/A	WINDOW SASH	WOOD	DK BROWN	0.22	0.05
219	8/4/2016	12:48:07	2ND EXTERIOR	N/A	BUILT-IN	METAL	GRAY	0.01	0.01
234	8/4/2016	14:44:04	1ST FLOOR WEST	room A	WALL	WOOD	CREAM	0.36	0.09
235	8/4/2016	14:44:26	1ST FLOOR WEST	room A	WALL	WOOD	CREAM	0.18	0.05
236	8/4/2016	14:44:49	1ST FLOOR WEST	room A	WALL	WOOD	CREAM	0.14	0.03
237	8/4/2016	14:45:35	1ST FLOOR WEST	room A	WALL	WOOD	CREAM	0	0
238	8/4/2016	14:47:00	1ST FLOOR WEST	room A	WALL	WOOD	CREAM	0.37	0.08
239	8/4/2016	14:47:23	1ST FLOOR WEST	room A	WALL	WOOD	CREAM	0.18	0.05
240	8/4/2016	14:47:44	1ST FLOOR WEST	room A	WALL	WOOD	CREAM	0.21	0.05
241	**8/4/2016**	**14:48:15**	**1ST FLOOR WEST**	**room A**	**WINDOW FRAME**	**WOOD**	**WHITE**	**1.21**	**0.14**
242	**8/4/2016**	**14:48:59**	**1ST FLOOR WEST**	**room A**	**WINDOW FRAME**	**WOOD**	**WHITE**	**1.72**	**0.33**
243	8/4/2016	14:49:23	1ST FLOOR WEST	room A	WINDOW SASH	WOOD	WHITE	0.04	0.03
244	8/4/2016	14:50:55	1ST FLOOR WEST	room A	WINDOW SASH	WOOD	WHITE	0.03	0.01
245	**8/4/2016**	**14:51:33**	**1ST FLOOR WEST**	**room A**	**WINDOW FRAME**	**WOOD**	**WHITE**	**2.08**	**0.37**
246	**8/4/2016**	**14:52:00**	**1ST FLOOR WEST**	**room A**	**WINDOW FRAME**	**WOOD**	**WHITE**	**1.93**	**0.43**
247	8/4/2016	14:53:37	1ST FLOOR WEST	room A	DOOR FRAME	METAL	WHITE	0	0
248	**8/4/2016**	**14:54:05**	**1ST FLOOR WEST**	**room A**	**DOOR FRAME**	**METAL**	**WHITE**	**1**	**0.04**
249	8/4/2016	14:54:33	1ST FLOOR WEST	room A	DOOR FRAME	METAL	WHITE	0.14	0.04

Table 2
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
250	8/4/2016	14:54:53	1ST FLOOR WEST	room A	DOOR FRAME	METAL	WHITE	0.08	0.04
251	**8/4/2016**	**14:55:16**	**1ST FLOOR WEST**	**room A**	**DOOR FRAME**	**METAL**	**WHITE**	**2.61**	**0.5**
252	8/4/2016	14:55:34	1ST FLOOR WEST	room A	DOOR FRAME	METAL	WHITE	0.01	0.01
253	**8/4/2016**	**14:55:59**	**1ST FLOOR WEST**	**room A**	**DOOR FRAME**	**METAL**	**WHITE**	**1.15**	**0.15**
254	8/4/2016	14:56:41	1ST FLOOR WEST	room A	DOOR FRAME	METAL	WHITE	0	0
255	8/4/2016	14:57:09	1ST FLOOR WEST	room A	DOOR FRAME	METAL	WHITE	0	0
256	8/4/2016	14:58:52	1ST FLOOR WEST	room A	DOOR FRAME	METAL	WHITE	0.07	0.03
257	8/4/2016	15:01:03	1ST FLOOR WEST	room B	WALL	WOOD	WHITE	0.12	0.03
258	8/4/2016	15:01:20	1ST FLOOR WEST	room B	WALL	WOOD	WHITE	0.02	0.05
259	8/4/2016	15:01:41	1ST FLOOR WEST	room B	WALL	WOOD	WHITE	0	0
260	8/4/2016	15:02:07	1ST FLOOR WEST	room B	DOOR FRAME	WOOD	WHITE	0.02	0.04
261	8/4/2016	15:03:44	1ST FLOOR WEST	room C	DOOR FRAME	PLASTER	WHITE	0	0
262	8/4/2016	15:03:58	1ST FLOOR WEST	room C	DOOR FRAME	PLASTER	WHITE	0	0
263	8/4/2016	15:05:20	1ST FLOOR WEST	room C	DOOR FRAME	PLASTER	WHITE	0	0
264	**8/4/2016**	**15:08:16**	**1ST FLOOR WEST**	**room C**	**DOOR**	**WOOD**	**WHITE**	**1.89**	**0.35**
265	8/4/2016	15:09:42	1ST FLOOR WEST	room D	WALL	WOOD	WHITE	0.01	0.02
266	8/4/2016	15:10:21	1ST FLOOR WEST	room D	WALL	WOOD	WHITE	0.02	0.03
267	8/4/2016	15:10:38	1ST FLOOR WEST	room D	WALL	WOOD	WHITE	0	0
268	8/4/2016	15:11:11	1ST FLOOR WEST	room D	WINDOW FRAME	WOOD	WHITE	0.03	0.02
269	8/4/2016	15:11:30	1ST FLOOR WEST	room D	WINDOW FRAME	WOOD	WHITE	0.04	0.03
270	**8/4/2016**	**15:11:54**	**1ST FLOOR WEST**	**room D**	**WINDOW SASH**	**WOOD**	**WHITE**	**2.07**	**0.35**
271	8/4/2016	15:12:27	1ST FLOOR WEST	room D	DOOR	WOOD	WHITE	0.06	0.01
272	8/4/2016	15:13:08	1ST FLOOR WEST	room D	DOOR	WOOD	WHITE	0.09	0.03
273	8/4/2016	15:13:30	1ST FLOOR WEST	room D	DOOR	WOOD	WHITE	0.15	0.04
274	8/4/2016	15:14:54	1ST FLOOR WEST	room E	WALL	WOOD	WHITE	0	0
275	8/4/2016	15:15:10	1ST FLOOR WEST	room E	WALL	WOOD	WHITE	0.01	0.01
276	**8/4/2016**	**15:15:36**	**1ST FLOOR WEST**	**room E**	**DOOR FRAME**	**WOOD**	**WHITE**	**4.13**	**1.03**
277	8/4/2016	15:16:02	1ST FLOOR WEST	room E	DOOR	WOOD	WHITE	0.45	0.11
278	8/4/2016	15:26:40	1ST FLOOR NORTH	room A	WALL	PLASTER	CREAM	0.02	0.02
279	8/4/2016	15:27:01	1ST FLOOR NORTH	room A	WALL	PLASTER	CREAM	0.05	0.03
280	8/4/2016	15:27:23	1ST FLOOR NORTH	room A	WALL	PLASTER	CREAM	0.02	0.02
281	8/4/2016	15:27:44	1ST FLOOR NORTH	room A	WALL	PLASTER	CREAM	0	0.01
282	8/4/2016	15:28:09	1ST FLOOR NORTH	room A	DOOR FRAME	WOOD	CREAM	0.03	0.06
283	8/4/2016	15:28:46	1ST FLOOR NORTH	room A	DOOR	WOOD	BROWN	0.03	0.03
284	8/4/2016	15:30:27	1ST FLOOR NORTH	room B	DOOR	WOOD	BROWN	0.04	0.03
285	8/4/2016	15:31:46	1ST FLOOR NORTH	room B	WALL	PLASTER	GREEN	0	0.01
286	**8/4/2016**	**15:32:09**	**1ST FLOOR NORTH**	**room B**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.07**
287	8/4/2016	15:32:41	1ST FLOOR NORTH	room B	WALL	PLASTER	GREEN	0.12	0.06
288	8/4/2016	15:33:09	1ST FLOOR NORTH	room B	WALL	PLASTER	GREEN	0.01	0.01
289	8/4/2016	15:33:33	1ST FLOOR NORTH	room B	WALL	PLASTER	GREEN	0.02	0.03
290	8/4/2016	15:35:14	1ST FLOOR NORTH	room C	WALL	PLASTER	YELLOW	0.26	0.05
291	8/4/2016	15:35:42	1ST FLOOR NORTH	room C	WALL	PLASTER	YELLOW	0.24	0.07
292	8/4/2016	15:36:04	1ST FLOOR NORTH	room C	WALL	PLASTER	YELLOW	0	0
293	**8/4/2016**	**15:36:52**	**1ST FLOOR NORTH**	**room C**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.08**
294	8/4/2016	15:37:58	1ST FLOOR NORTH	room C	TRIM	WOOD	WHITE	0.03	0.02
295	8/4/2016	15:38:52	1ST FLOOR NORTH	room C	CEILING	PLASTER	WHITE	0.22	0.05
296	**8/4/2016**	**15:40:23**	**1ST FLOOR NORTH**	**room D**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.07**
297	**8/4/2016**	**15:40:51**	**1ST FLOOR NORTH**	**room D**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.09**
298	8/4/2016	15:41:22	1ST FLOOR NORTH	room D	WALL	PLASTER	YELLOW	0.15	0.04
299	8/4/2016	15:41:44	1ST FLOOR NORTH	room D	WALL	PLASTER	YELLOW	0.17	0.04
300	**8/4/2016**	**15:42:36**	**1ST FLOOR NORTH**	**room D**	**CEILING**	**PLASTER**	**YELLOW**	**1**	**0.12**
301	**8/4/2016**	**15:43:50**	**1ST FLOOR NORTH**	**room D**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.07**
302	**8/4/2016**	**15:45:04**	**1ST FLOOR NORTH**	**room D**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.05**
303	8/4/2016	15:45:46	1ST FLOOR NORTH	room D	WALL	PLASTER	YELLOW	0.12	0.04
304	**8/4/2016**	**15:46:04**	**1ST FLOOR NORTH**	**room D**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.05**
305	8/4/2016	15:46:44	1ST FLOOR NORTH	room D	WALL	PLASTER	YELLOW	0.03	0.02
306	8/4/2016	15:47:23	1ST FLOOR NORTH	room D	WALL	PLASTER	YELLOW	0.03	0.02
307	**8/4/2016**	**15:48:10**	**1ST FLOOR NORTH**	**room D**	**CEILING**	**PLASTER**	**YELLOW**	**1**	**0.18**
308	8/4/2016	15:49:32	1ST FLOOR NORTH	room D	DOOR	WOOD	WHITE	0.26	0.05
309	8/4/2016	15:49:59	1ST FLOOR NORTH	room D	DOOR FRAME	WOOD	WHITE	0.03	0.03
310	8/4/2016	15:52:02	1ST FLOOR NORTH	room E	WALL	PLASTER	PINK	0.05	0.02
311	**8/4/2016**	**15:52:21**	**1ST FLOOR NORTH**	**room E**	**WALL**	**PLASTER**	**PINK**	**1.61**	**0.3**
312	8/4/2016	15:52:54	1ST FLOOR NORTH	room E	WALL	PLASTER	WHITE	0	0
313	8/4/2016	15:53:30	1ST FLOOR NORTH	room E	WALL	PLASTER	PINK	0.3	0.03
314	8/4/2016	15:54:17	1ST FLOOR NORTH	room E	WALL	PLASTER	PINK	0.28	0.04

Table 2
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
315	**8/4/2016**	**15:55:16**	**1ST FLOOR NORTH**	**room E**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.07**
316	8/4/2016	15:57:14	1ST FLOOR NORTH	room E	DOOR	WOOD	WHITE	0.24	0.05
317	8/4/2016	15:57:36	1ST FLOOR NORTH	room E	DOOR FRAME	WOOD	WHITE	0.21	0.04
318	8/4/2016	15:58:34	1ST FLOOR NORTH	room F	WALL	PLASTER	YELLOW	0.14	0.03
319	**8/4/2016**	**15:58:47**	**1ST FLOOR NORTH**	**room F**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.1**
320	8/4/2016	15:59:30	1ST FLOOR NORTH	room F	WALL	PLASTER	YELLOW	0.36	0.06
321	8/4/2016	16:01:52	1ST FLOOR NORTH	room F	WALL	PLASTER	YELLOW	0.28	0.02
322	8/4/2016	16:02:43	1ST FLOOR NORTH	room F	WALL	PLASTER	YELLOW	0.49	0.08
323	**8/4/2016**	**16:03:17**	**1ST FLOOR NORTH**	**room F**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.1**
324	**8/4/2016**	**16:04:06**	**1ST FLOOR NORTH**	**room F**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.06**
325	8/4/2016	16:06:24	1ST FLOOR NORTH	room F	WALL	PLASTER	YELLOW	0.12	0.03
326	8/4/2016	16:06:41	1ST FLOOR NORTH	room F	WALL	PLASTER	YELLOW	0.11	0.02
327	8/4/2016	16:08:08	1ST FLOOR NORTH	room F	CEILING	PLASTER	WHITE	0.95	0.12
328	8/4/2016	16:09:05	1ST FLOOR NORTH	room F	CEILING	PLASTER	WHITE	0.07	0.04
329	8/4/2016	16:09:40	1ST FLOOR NORTH	room F	WALL	PLASTER	YELLOW	0.29	0.03
330	**8/4/2016**	**16:10:58**	**1ST FLOOR NORTH**	**room G**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.06**
331	8/4/2016	16:11:29	1ST FLOOR NORTH	room G	WALL	PLASTER	GREEN	0.47	0.03
332	8/4/2016	16:12:09	1ST FLOOR NORTH	room G	WALL	PLASTER	GREEN	0.46	0.03
333	8/4/2016	16:12:54	1ST FLOOR NORTH	room G	WALL	PLASTER	GREEN	0.52	0.04
334	**8/4/2016**	**16:13:21**	**1ST FLOOR NORTH**	**room G**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.07**
335	8/4/2016	16:14:27	1ST FLOOR NORTH	room G	WALL	PLASTER	GREEN	0.23	0.05
336	8/4/2016	16:15:18	1ST FLOOR NORTH	room G	CEILING	PLASTER	LT BLUE	0.03	0.02
337	8/4/2016	16:15:58	1ST FLOOR NORTH	room G	BUILT-IN	WOOD	DK BLUE	0.07	0.02
338	8/4/2016	16:16:28	1ST FLOOR NORTH	room G	DOOR	WOOD	WHITE	0.14	0.03
339	8/4/2016	16:16:53	1ST FLOOR NORTH	room G	DOOR FRAME	WOOD	WHITE	0.08	0.03
340	**8/4/2016**	**16:18:14**	**1ST FLOOR NORTH**	**room H**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.1**
341	8/4/2016	16:18:40	1ST FLOOR NORTH	room H	WALL	PLASTER	WHITE	0.21	0.05
342	**8/4/2016**	**16:19:05**	**1ST FLOOR NORTH**	**room H**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.07**
343	8/4/2016	16:19:53	1ST FLOOR NORTH	room H	DOOR	METAL	GREEN	0.11	0.02
344	8/4/2016	16:20:17	1ST FLOOR NORTH	room H	DOOR	WOOD	GREEN	0.17	0.03
345	8/4/2016	16:20:49	1ST FLOOR NORTH	room H	TRIM	WOOD	CREAM	0.15	0.03
346	8/4/2016	16:21:09	1ST FLOOR NORTH	room H	TRIM	WOOD	CREAM	0.29	0.05
347	8/4/2016	16:23:18	1ST FLOOR NORTH	room H	DOOR	WOOD	GREEN	0.17	0.03
348	8/4/2016	16:26:52	1ST FLOOR CENTRAL	room A	WALL	PLASTER	CREAM	0.03	0.02
349	**8/4/2016**	**16:27:15**	**1ST FLOOR CENTRAL**	**room A**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.03**
350	**8/4/2016**	**16:28:04**	**1ST FLOOR CENTRAL**	**room A**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.04**
351	8/4/2016	16:28:33	1ST FLOOR CENTRAL	room A	WALL	PLASTER	CREAM	0.03	0.05
352	8/4/2016	16:28:58	1ST FLOOR CENTRAL	room A	CEILING	PLASTER	CREAM	0.04	0.02
353	**8/4/2016**	**16:30:36**	**1ST FLOOR CENTRAL**	**room A**	**WALL**	**BRICK**	**GREEN**	**5**	**0.59**
354	**8/4/2016**	**16:31:03**	**1ST FLOOR CENTRAL**	**room A**	**WALL**	**BRICK**	**GREEN**	**5**	**0.51**
355	**8/4/2016**	**16:31:25**	**1ST FLOOR CENTRAL**	**room A**	**WALL**	**BRICK**	**GREEN**	**5**	**0.56**
356	8/4/2016	16:31:51	1ST FLOOR CENTRAL	room A	DOOR	METAL	GREEN	0.31	0.05
357	8/4/2016	16:32:11	1ST FLOOR CENTRAL	room A	DOOR	METAL	GREEN	0.13	0.03
358	8/4/2016	16:32:37	1ST FLOOR CENTRAL	room A	DOOR FRAME	METAL	WHITE	0.02	0.01
359	**8/4/2016**	**16:34:09**	**1ST FLOOR CENTRAL**	**room B**	**WALL**	**BRICK**	**GREEN**	**5**	**0.48**
360	8/4/2016	16:34:44	1ST FLOOR CENTRAL	room B	WALL	PLASTER	CREAM	0.38	0.05
361	8/4/2016	16:35:20	1ST FLOOR CENTRAL	room B	CEILING	PLASTER	CREAM	0.08	0.05
362	8/4/2016	16:36:24	1ST FLOOR CENTRAL	room B	DOOR	WOOD	BLUE	0.22	0.04
363	8/4/2016	16:36:49	1ST FLOOR CENTRAL	room B	DOOR FRAME	WOOD	BLUE	0.16	0.03
364	8/4/2016	16:39:14	1ST FLOOR CENTRAL	room C	WALL	BRICK	WHITE	0.05	0.03
365	8/4/2016	16:39:29	1ST FLOOR CENTRAL	room C	WALL	BRICK	WHITE	0.08	0.02
366	**8/4/2016**	**16:40:19**	**1ST FLOOR CENTRAL**	**room C**	**WALL**	**BRICK**	**GREEN**	**5**	**0.63**
367	**8/4/2016**	**16:41:03**	**1ST FLOOR CENTRAL**	**room C**	**WALL**	**BRICK**	**GREEN**	**5**	**0.59**
368	8/4/2016	16:41:35	1ST FLOOR CENTRAL	room C	WALL	PLASTER	WHITE	0.04	0.03
369	**8/4/2016**	**16:41:59**	**1ST FLOOR CENTRAL**	**room C**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.06**
370	**8/4/2016**	**16:42:24**	**1ST FLOOR CENTRAL**	**room C**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.08**
371	**8/4/2016**	**16:43:56**	**1ST FLOOR CENTRAL**	**room D**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.04**
372	8/4/2016	16:44:15	1ST FLOOR CENTRAL	room D	WALL	PLASTER	WHITE	0.06	0.03
373	8/4/2016	16:44:32	1ST FLOOR CENTRAL	room D	WALL	PLASTER	WHITE	0.08	0.04
374	8/4/2016	16:44:51	1ST FLOOR CENTRAL	room D	WALL	PLASTER	WHITE	0.03	0.02
375	8/4/2016	16:45:17	1ST FLOOR CENTRAL	room D	WINDOW FRAME	WOOD	WHITE	0.27	0.06
376	8/4/2016	16:45:36	1ST FLOOR CENTRAL	room D	WINDOW SASH	WOOD	WHITE	0.27	0.05
377	8/4/2016	16:46:09	1ST FLOOR CENTRAL	room D	DOOR	WOOD	WHITE	0.06	0.03
378	8/4/2016	16:46:30	1ST FLOOR CENTRAL	room D	DOOR FRAME	WOOD	WHITE	0.13	0.05
379	8/4/2016	16:48:25	1ST FLOOR SOUTH	room A	WALL	PLASTER	WHITE	0	0

Table 2
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
380	8/4/2016	16:48:38	1ST FLOOR SOUTH	room A	WALL	PLASTER	WHITE	0	0
381	8/4/2016	16:50:24	1ST FLOOR SOUTH	room A	WALL	PLASTER	WHITE	0	0
382	8/4/2016	16:50:44	1ST FLOOR SOUTH	room A	WALL	PLASTER	WHITE	0.03	0.02
383	**8/4/2016**	**16:51:10**	**1ST FLOOR SOUTH**	**room A**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.04**
384	8/4/2016	16:53:38	1ST FLOOR SOUTH	room B	WALL	PLASTER	CREAM	0.43	0.07
385	8/4/2016	16:54:08	1ST FLOOR SOUTH	room B	WALL	PLASTER	CREAM	0.2	0.05
386	8/4/2016	16:54:34	1ST FLOOR SOUTH	room B	CEILING	PLASTER	CREAM	0.03	0.02
387	8/4/2016	16:57:02	1ST FLOOR SOUTH	room C	WALL	PLASTER	CORAL	0	0.01
388	8/4/2016	16:57:30	1ST FLOOR SOUTH	room C	WALL	PLASTER	CORAL	0.25	0.07
389	**8/4/2016**	**16:57:44**	**1ST FLOOR SOUTH**	**room C**	**WALL**	**PLASTER**	**CORAL**	**1**	**0.05**
390	8/4/2016	16:58:45	1ST FLOOR SOUTH	room C	WALL	PLASTER	CORAL	0.03	0.01
391	**8/4/2016**	**16:59:07**	**1ST FLOOR SOUTH**	**room C**	**WALL**	**PLASTER**	**CORAL**	**1**	**0.09**
392	**8/4/2016**	**17:01:12**	**1ST FLOOR SOUTH**	**room C**	**CEILING**	**PLASTER**	**CORAL**	**1**	**0.04**
393	8/4/2016	17:04:11	1ST FLOOR SOUTH	room D	WALL	PLASTER	WHITE	0.82	0.26
394	8/4/2016	17:04:51	1ST FLOOR SOUTH	room D	WALL	PLASTER	WHITE	0.29	0.08
395	8/4/2016	17:05:16	1ST FLOOR SOUTH	room D	WALL	PLASTER	WHITE	0.37	0.07
396	8/4/2016	17:05:39	1ST FLOOR SOUTH	room D	WALL	PLASTER	WHITE	0.13	0.05
397	**8/4/2016**	**17:06:05**	**1ST FLOOR SOUTH**	**room D**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.05**
398	8/4/2016	17:08:51	1ST FLOOR SOUTH	room D	CEILING	PLASTER	WHITE	0.18	0.02
399	**8/4/2016**	**17:09:35**	**1ST FLOOR SOUTH**	**room D**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.07**
400	8/4/2016	17:11:22	1ST FLOOR SOUTH	room E	WALL	PLASTER	WHITE	0.11	0.04
401	8/4/2016	17:11:40	1ST FLOOR SOUTH	room E	WALL	PLASTER	WHITE	0.07	0.03
402	**8/4/2016**	**17:11:58**	**1ST FLOOR SOUTH**	**room E**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.08**
403	8/4/2016	17:12:31	1ST FLOOR SOUTH	room E	WALL	PLASTER	WHITE	0	0
404	8/4/2016	17:12:55	1ST FLOOR SOUTH	room E	WALL	PLASTER	WHITE	0.44	0.06
405	**8/4/2016**	**17:13:21**	**1ST FLOOR SOUTH**	**room E**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.06**
406	**8/4/2016**	**17:14:14**	**1ST FLOOR SOUTH**	**room E**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.05**
407	**8/4/2016**	**17:15:48**	**1ST FLOOR SOUTH**	**room E**	**CEILING**	**PLASTER**	**YELLOW**	**1**	**0.03**
408	**8/4/2016**	**17:16:32**	**1ST FLOOR SOUTH**	**room E**	**CEILING**	**PLASTER**	**YELLOW**	**1**	**0.05**
409	8/4/2016	17:18:01	1ST FLOOR SOUTH	room F	FLOOR	CONCRETE	DK BROWN	0	0
410	**8/4/2016**	**17:19:09**	**1ST FLOOR SOUTH**	**room F**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.02**
411	8/4/2016	17:19:43	1ST FLOOR SOUTH	room F	WALL	PLASTER	CREAM	0.46	0.07
412	8/4/2016	17:20:21	1ST FLOOR SOUTH	room F	WALL	PLASTER	CREAM	0.45	0.08
413	8/4/2016	17:20:43	1ST FLOOR SOUTH	room F	WALL	PLASTER	CREAM	0.63	0.12
414	8/4/2016	17:21:22	1ST FLOOR SOUTH	room F	CEILING	PLASTER	CREAM	0.04	0.02
415	**8/4/2016**	**17:21:59**	**1ST FLOOR SOUTH**	**room F**	**DOOR FRAME**	**WOOD**	**WHITE**	**5**	**1.02**
416	8/4/2016	17:22:45	1ST FLOOR SOUTH	room F	DOOR	WOOD	WHITE	0.3	0.05
417	**8/4/2016**	**17:25:27**	**1ST FLOOR SOUTH**	**room G**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.08**
418	**8/4/2016**	**17:25:51**	**1ST FLOOR SOUTH**	**room G**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.06**
419	8/4/2016	17:26:36	1ST FLOOR SOUTH	room G	WALL	PLASTER	WHITE	0.47	0.05
420	**8/4/2016**	**17:27:51**	**1ST FLOOR SOUTH**	**room G**	**WALL**	**PLASTER**	**BROWN**	**1**	**0.02**
421	8/4/2016	17:28:42	1ST FLOOR SOUTH	room G	WALL	PLASTER	BROWN	0.35	0.06
422	8/4/2016	17:29:20	1ST FLOOR SOUTH	room G	DOOR	WOOD	WHITE	0.06	0.03
423	8/4/2016	17:30:29	1ST FLOOR SOUTH	room G	DOOR FRAME	WOOD	WHITE	0.04	0.04
424	8/4/2016	17:31:35	1ST FLOOR SOUTH	room G	TRIM	WOOD	RED	0.51	0.06

Cost Estimate:

Removal of All ACM, Encapsulation of LBP, and Removal of Ceramic Tile

Line Item (RS Means)	Item Description	Quantity	Unit	Crew	Daily Output	Hours	Factor	Unit Costs In Dollars			Total	Total with O&P	Item Total
								Mtrls	Labor	Equip			
ACM Removal and Disposal													
02.82.13.39.0200	Asbestos Abatement Remediation Plan	1	EA	--	--	--	1	--	--	--	1350	1475	$1,475.00
02.82.13.41.2000	Worker PPE for Hazardous Material (Body/Head) (4 in Crew/54 Days)	4	EA/Day	A-9	--	--	54	7.95	--	--	7.95	8.75	$1,890.00
02.82.13.41.2500	Worker PPE for Hazardous Material (Respirator)(4 in Crew)	4	EA	--	--	--	1	26	--	--	26	28.5	$114.00
02.82.13.41.2550	Worker PPE for Hazardous Material (Respirator Cart.)(4 in Crew/54 Days)	4	EA/Day	--	--	--	54	4.4	--	--	4.4	4.84	$1,045.44
02.82.13.41.1750	Vacuum cleaner, HEPA, 16 gal., stainless steel, wet/dry	1	EA	--	--	--	1	1100	--	--	1100	1200	$1,200.00
02.82.13.41.0250	Large Volume Air Sampling Pump, minimum (Per Day)	1	EA	--	--	--	54	315	-	--	315	345	$18,630.00
02.82.13.41.6500	Negative air machine	1	EA	--	--	--	1	860	--	--	860	950	$950.00
02.82.13.42.0900	Setup Negative Air Machine	1	EA	1 Asbestos	4.3	1.86	1	--	105	--	105	163	$163.00
02.82.13.42.0100	Pre-cleaning, HEPA vacuum and wet wipe, flat surfaces	40000	SF	A-9	12000	0.005	1	0.01	0.30	--	0.31	0.48	$19,200.00
02.82.13.42.0300	Separation Barrier (8 feet high)	250	SF	2 Carp	400	0.04	1	2.81	2.03	--	4.84	6.2	$1,550.00
02.82.13.42.0561	Cover surfaces with polyethylene sheeting (walls, 4 mil)	30000	SF	A-9	7000	0.009	1	0.03	0.52	--	0.55	0.83	$24,900.00
02.82.13.43.5100	Bulk Asbestos Removal (VAT, linoleum, and Mastic from Floor by machine) - 1 Layer	7630	SF	A-11	4800	0.013	1	0.03	0.75	0.01	0.79	1.22	$9,308.60
02.82.13.44.0450	Demolition of asbestos gypsum partitions, boards, and studs	220	SF	A-9	1390	0.046	1	0.12	2.59	--	2.71	4.16	$915.20
02.82.13.44.0200	Demolition of asbestos plaster ceiling, including suspension system	7000	SF	A-9	2100	0.03	1	0.08	1.72	--	1.8	2.76	$19,320.00
02.82.13.44.0410	Demolition of asbestos plaster partitions, lath, and studs	13000	SF	A-9	690	0.093	1	0.88	5.25	--	6.13	9.05	$117,650.00
02.82.13.43.0600	Bulk Asbestos Removal (Pipe insulation, air cell type, up to 4" diameter pipe)	200	LF	A-9	900	0.071	1	0.18	4.01	--	4.19	6.4	$1,280.00
02.82.13.43.8200	Bulk Asbestos Removal (Shingle Roofing)	10000	SF	A-10B	2000	0.016	1	0.08	0.9	--	0.98	1.49	$14,900.00
02.82.13.43.8250	Bulk Asbestos Removal (Built-up roof, no gravel, non-friable)	500	SF	B-2	1400	0.029	1	0.08	1.15	--	1.23	1.84	$920.00
06.05.05.20.3000	Selective Demolition Millwork and Trim (baseboard up to 6" wide)	1600	LF	2 Clab	1200	0.013	1	--	0.53	--	0.53	0.81	$1,296.00
Estimation	3rd Party Oversight for Asbestos Cleanup (1 Inspector / 1 Day)	8	Hour	1 Inspector	1	1	1	--	150	--	150	200	$1,600.00
02.82.13.45.1110	PCM air sample analysis, NIOSH 7400, maximum	1	Each	1 Asbestos	4	2	2	2.22	113	--	115.22	177	$354.00
02.82.13.47.0100	Collect and Bag Bulk Material, 3 C.F. bags, by Hand	1093	EA	A-9	400	0.16	1	0.86	9	--	9.86	14.95	$16,340.35
02.82.13.47.1000	Double Bag and Decontaminant	1093	EA	A-9	960	0.067	1	0.86	3.76	--	4.62	6.8	$7,432.40
02.82.13.47.3000	Cart Bags 50' to Dumpster	1093	EA	2 Asbestos	400	0.04	1	--	2.25	--	2.25	3.5	$3,825.50
02.82.13.47.5020	Disposal ACM, maximum	121	CY	--	--	--	1	--	--	--	355	395	$47,795.00
02.81.20.10.1270*	Hazardous Waste Hauling Costs (25 CY maximum)	230	Miles	--	--	--	1	--	--	--	7.25	7.35	$1,690.50
N/A	Miscellaneous (additional plans, equip, preparations, testing, permitting, etc.)												$2,000.00
01.21.16.50.0020	Contingency (20%)												$63,549.00
	ACM Removal and Disposal												**$381,293.99**
LBP Encapsulation and Ceramic Tile Removal													
02.83.19.21.0200	Lead Abatement Remediation Plan	1	EA	--	--	--	1	--	--	--	1225	1350	$1,350.00
02.82.13.41.2000	Worker PPE for Hazardous Material (Body/Head)(4 in Crew/30 Days)	4	EA/Day	1 Pord	--	--	30	7.95	--	--	7.95	8.75	$1,050.00
02.82.13.41.2500	Worker PPE for Hazardous Material (Respirator)(4 in Crew)	4	EA	--	--	--	1	26	--	--	26	28.5	$114.00
02.82.13.41.2550	Worker PPE for Hazardous Material (Respirator Cart.)(4 in Crew/30 Days)	4	EA/Day	--	--	--	30	4.4	--	--	4.4	4.84	$580.80
02.82.13.42.0300	Separation Barrier (8 feet high)	25	SF	2 Carp	400	0.04	1	2.81	2.03	--	4.84	6.2	$155.00
02.82.13.42.0561	Cover surfaces with polyethylene sheeting (walls, 4 mil)	1500	SF	A-9	7000	0.009	1	0.03	0.52	--	0.55	0.83	$1,245.00
09.91.03.40.0670	Interior Surface Preparation (Plaster walls, medium wet sanding)	10000	SF	1 Pord	2160	0.004	1	--	0.16	--	0.16	0.24	$2,400.00
02.82.19.23.0220	Encapsulation of LBP (walls, roller, drywall or plaster)	16180	SF	1 Pord	1000	0.008	1	0.61	0.34	--	0.95	1.18	$19,092.40
02.82.19.23.0250	Encapsulation of LBP (ceilings, roller, drywall or plaster)	5870	SF	1 Pord	900	0.009	1	0.71	0.38	--	1.09	1.35	$7,924.50
02.82.19.23.0120	Encapsulation of LBP (Flush doors, 3' x7', both sides, and frames)	6	EA	1 Pord	6	1.333	1	28.5	56.5	--	85	117	$702.00
02.82.19.23.0170	Encapsulation of LBP (windows, per side, per 15 SF, 1 to 6 lite)	7	EA	1 Pord	14	0.571	1	20	24.5	--	44.5	58.5	$409.50
09.05.05.20.2000	Selective Demolition of Ceramic Tile	760	SF	2 Clab	675	0.024	1	--	0.94	--	0.94	1.44	$1,094.40
Estimate	Toxicity Characteristic Leaching Procedure (TCLP) Sample	1	EA	--	--	--	1	--	--	--	150	150	$150.00
01.54.33.20.5310	Hauling Truck (18 CY Payload, no operator)	1	Day	--	--	--	1	--	--	--	706	706	$706.00
RS Means Crew	Heavy Truck Driver (Labor Cost for One Driver)	1	Day	Operator	--	--	1	--	--	--	--	554.4	$554.40
02.41.19.20.0100	Dump Charges for construction debris (non-hazardous)	1	Ton	--	--	--	1	74	--	--	74	81	$81.00
N/A	Miscellaneous (additional plans, equip, preparations, testing, permitting, etc.)												$500.00
01.21.16.50.0020	Contingency (20%)												$7,621.80
	LBP Encapsulation and Selective Demolition												**$45,730.80**
ACM REMEDIATION AND LBP REMEDIATION TOTAL													**$427,024.79**

Notes:

Source: RS Means Building Construction Cost Data 2018. 76th Annual Edition. Catalog # 60018

Disclaimer: This is only an estimate, actual costs may vary

ACM Asbestos Containing Materials
CF Cubic feet
CY Cubic yards
EA Each
Equip Equipment
LF Linear feet
Mtrls Materials
N/A, -- Non-Applicable
O&P Overhead and Profit
SF Square feet

Cost Estimate:

Partial ACM Abatement/Operation and Maintenance, Encapsulation of LBP, and Removal of Ceramic Tile

Line Item (RS Means)	Item Description	Quantity	Unit	Crew	Daily Output	Hours	Factor	Unit Costs In Dollars Mtrls	Labor	Equip	Total	Total with O&P	Item Total
Partial ACM Abatement/O&M													
02.82.13.39.0200	Asbestos Abatement Remediation Plan	1	EA	--	--	--	1	--	--	--	1350	1475	$1,475.00
Estimation	Asbestos O&M Plan	1	EA	--	--	--	1	--	--	--	1500	2000	$2,000.00
02.82.13.41.2000	Worker PPE for Hazardous Material (Body/Head) (4 in Crew/17 Days)	4	EA/Day	A-9	--	--	17	7.95	--	--	7.95	8.75	$595.00
02.82.13.41.2500	Worker PPE for Hazardous Material (Respirator)(4 in Crew)	4	EA	--	--	--	1	26	--	--	26	28.5	$114.00
02.82.13.41.2550	Worker PPE for Hazardous Material (Respirator Cart.)(4 in Crew/17 Days)	4	EA/Day	--	--	--	17	4.4	--	--	4.4	4.84	$329.12
02.82.13.41.1750	Vacuum cleaner, HEPA, 16 gal., stainless steel, wet/dry	1	EA	--	--	--	1	1100	--	--	1100	1200	$1,200.00
02.82.13.41.0250	Large Volume Air Sampling Pump, minimum (Per Day)	1	EA	--	--	--	17	315	-	--	315	345	$5,865.00
02.82.13.41.6500	Negative air machine	1	EA	--	--	--	1	860	--	--	860	950	$950.00
02.82.13.42.0900	Setup Negative Air Machine	1	EA	1 Asbestos	4.3	1.86	1	--	105	--	105	163	$163.00
02.82.13.42.0100	Pre-cleaning, HEPA vacuum and wet wipe, flat surfaces	20000	SF	A-9	12000	0.005	1	0.01	0.30	--	0.31	0.48	$9,600.00
02.82.13.42.0300	Separation Barrier (8 feet high)	250	SF	2 Carp	400	0.04	1	2.81	2.03	--	4.84	6.2	$1,550.00
02.82.13.42.0561	Cover surfaces with polyethylene sheeting (walls, 4 mil)	10000	SF	A-9	7000	0.009	1	0.03	0.52	--	0.55	0.83	$8,300.00
02.82.13.43.5100	Bulk Asbestos Removal (VAT, linoleum, and Mastic from Floor by machine) - 1 Layer	7630	SF	A-11	4800	0.013	1	0.03	0.75	0.01	0.79	1.22	$9,308.60
02.82.13.44.0450	Demolition of asbestos gypsum partitions, boards, and studs	220	SF	A-9	1390	0.046	1	0.12	2.59	--	2.71	4.16	$915.20
02.82.13.43.0600	Bulk Asbestos Removal (Pipe insulation, air cell type, up to 4" diameter pipe)	200	LF	A-9	900	0.071	1	0.18	4.01	--	4.19	6.4	$1,280.00
02.82.13.43.8250	Bulk Asbestos Removal (Built-up roof, no gravel, non-friable)	500	SF	B-2	1400	0.029	1	0.08	1.15	--	1.23	1.84	$920.00
06.05.05.20.3000	Selective Demolition Millwork and Trim (baseboard up to 6" wide)	1600	LF	2 Clab	1200	0.013	1	--	0.53	--	0.53	0.81	$1,296.00
Estimation	3rd Party Oversight for Asbestos Cleanup (1 Inspector / 1 Day)	8	Hour	1 Inspector	1	1	1	--	150	--	150	200	$1,600.00
02.82.13.45.1110	PCM air sample analysis, NIOSH 7400, maximum	1	Each	1 Asbestos	4	2	2	2.22	113	--	115.22	177	$354.00
02.82.13.47.0100	Collect and Bag Bulk Material, 3 C.F. bags, by Hand	260	EA	A-9	400	0.16	1	0.86	9	--	9.86	14.95	$3,887.00
02.82.13.47.1000	Double Bag and Decontaminant	260	EA	A-9	960	0.067	1	0.86	3.76	--	4.62	6.8	$1,768.00
02.82.13.47.3000	Cart Bags 50' to Dumpster	260	EA	2 Asbestos	400	0.04	1	--	2.25	--	2.25	3.5	$910.00
02.82.13.47.5020	Disposal ACM, maximum	29	CY	--	--	--	1	--	--	--	355	395	$11,455.00
02.81.20.10.1270*	Hazardous Waste Hauling Costs (25 CY maximum)	77	Miles	--	--	--	1	--	--	--	7.25	7.35	$562.28
N/A	Miscellaneous (additional plans, equip, preparations, testing, permitting, etc.)												$1,000.00
01.21.16.50.0020	Contingency (20%)												$13,479.44
	Partial ACM Abatement/O&M												**$80,876.63**
LBP Encapsulation and Ceramic Tile Removal													
02.83.19.21.0200	Lead Abatement Remediation Plan	1	EA	--	--	--	1	--	--	--	1225	1350	$1,350.00
02.82.13.41.2000	Worker PPE for Hazardous Material (Body/Head)(4 in Crew/30 Days)	4	EA/Day	1 Pord	--	--	30	7.95	--	--	7.95	8.75	$1,050.00
02.82.13.41.2500	Worker PPE for Hazardous Material (Respirator)(4 in Crew)	4	EA	--	--	--	1	26	--	--	26	28.5	$114.00
02.82.13.41.2550	Worker PPE for Hazardous Material (Respirator Cart.)(4 in Crew/30 Days)	4	EA/Day	--	--	--	30	4.4	--	--	4.4	4.84	$580.80
02.82.13.42.0300	Separation Barrier (8 feet high)	25	SF	2 Carp	400	0.04	1	2.81	2.03	--	4.84	6.2	$155.00
02.82.13.42.0561	Cover surfaces with polyethylene sheeting (walls, 4 mil)	1500	SF	A-9	7000	0.009	1	0.03	0.52	--	0.55	0.83	$1,245.00
09.91.03.40.0670	Interior Surface Preparation (Plaster walls, medium wet sanding)	10000	SF	1 Pord	2160	0.004	1	--	0.16	--	0.16	0.24	$2,400.00
02.82.19.23.0220	Encapsulation of LBP (walls, roller, drywall or plaster)	16180	SF	1 Pord	1000	0.008	1	0.61	0.34	--	0.95	1.18	$19,092.40
02.82.19.23.0250	Encapsulation of LBP (ceilings, roller, drywall or plaster)	5870	SF	1 Pord	900	0.009	1	0.71	0.38	--	1.09	1.35	$7,924.50
02.82.19.23.0120	Encapsulation of LBP (Flush doors, 3' x7', both sides, and frames)	6	EA	1 Pord	6	1.333	1	28.5	56.5	--	85	117	$702.00
02.82.19.23.0170	Encapsulation of LBP (windows, per side, per 15 SF, 1 to 6 lite)	7	EA	1 Pord	14	0.571	1	20	24.5	--	44.5	58.5	$409.50
09.05.05.20.2000	Selective Demolition of Ceramic Tile	760	SF	2 Clab	675	0.024	1	--	0.94	--	0.94	1.44	$1,094.40
Estimate	Toxicity Characteristic Leaching Procedure (TCLP) Sample	1	EA	--	--	--	1	--	--	--	150	150	$150.00
01.54.33.20.5310	Hauling Truck (18 CY Payload, no operator)	1	Day	--	--	--	1	--	--	--	706	706	$706.00
RS Means Crew	Heavy Truck Driver (Labor Cost for One Driver)	1	Day	Operator	--	--	1	--	--	--	--	554.4	$554.40
02.41.19.20.0100	Dump Charges for construction debris (non-hazardous)	1	Ton	--	--	--	1	74	--	--	74	81	$81.00
N/A	Miscellaneous (additional plans, equip, preparations, testing, permitting, etc.)												$500.00
01.21.16.50.0020	Contingency (20%)												$7,621.80
	LBP Encapsulation and Selective Demolition												**$45,730.80**
ACM REMEDIATION AND LBP REMEDIATION TOTAL													**$126,607.43**

Notes:

Source: RS Means Building Construction Cost Data 2018. 76th Annual Edition. Catalog # 60018

Disclaimer: This is only an estimate, actual costs may vary

ACM Asbestos Containing Materials
CF Cubic feet
CY Cubic yards
EA Each
Equip Equipment
LF Linear feet
Mtrls Materials
N/A, -- Non-Applicable
O&P Overhead and Profit
SF Square feet

COST ESTIMATE FOR CLEANUP REPORT
FOR
SOUTH CAMPUS MONTANA STATE TRAINING SCHOOL – COTTAGE #5
VENTURE WAY
BOULDER, JEFFERSON COUNTY, MONTANA

Prepared for:

U.S. ENVIRONMENTAL PROTECTION AGENCY
1595 WYNKOOP ST
DENVER, COLORADO 80202

Prepared by:

WESTON SOLUTIONS, INC.
1435 Garrison Street, Ste. 100
Lakewood, Colorado 80215
303-729-6100 • Fax 303-729-6101

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U.S. EPA Work Assignment Manager	Stephanie Shen

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1435 Garrison Street, Ste. 100
Lakewood, Colorado 80215
303-729-6100 • Fax 303-729-6101

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Prepared by: _____ Date: 12/27/2018
Michael Cherny
START Scientist

Reviewed and Approved by: _____ Date: 12/27/2018
Elliott Petri, P.E.
START Project Manager and
Environmental Professional

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LIST OF FIGURES (SELECT FROM PHASE II ESA)

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LIST OF ACRONYMS

ACM	asbestos-containing material
ASTM	ASTM, International
COC	contaminant of concern
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
HUD	Housing and Urban Development
JLDC	Jefferson Local Development Corporation
LBP	lead-based paint
O&M	Operation and Maintenance
sq. ft.	square feet
START	Superfund Technical Assessment and Response Team
TCLP	Toxicity Characteristic Leaching Procedure
TDD	Technical Direction Document
WESTON	Weston Solutions, Inc.
XRF	X-ray fluorescence

1.0 INTRODUCTION AND PURPOSE

The United States Environmental Protection Agency (EPA) tasked the Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START) to assist the EPA in conducting a Phase II Environmental Site Assessment (ESA) and cost estimate for cleanup at the South Campus Montana (MT) State Training School – Cottage #5 located at Venture Way located in Boulder, Montana (Site). The Phase II ESA report, *Phase II Environmental Site Assessment for South Campus MT Training School – Cottage #5 Venture Way, Boulder, Jefferson County, Montana Revision 1* (WESTON, 2018), details the work performed, methods used, information and data acquired, and evaluation and interpretation of results as part of the Phase II ESA. This cost estimate for cleanup report is based upon the information presented in the Phase II ESA report.

Based upon the results of the Phase II ESA conducted, the specific concerns addressed in this conceptual cost estimate for the Site include:

A. Asbestos-containing material (ACM); and
B. Lead-based paint (LBP).

1.1 Summary of Phase II ESA Results

The Phase II ESA was conducted in accordance with *Technical Direction Document (TDD) 0003/1808-05* (EPA, 2018) and *ASTM, International (ASTM) E1903-11 – Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process*. The results of the Phase II ESA confirmed the presence of contaminants of concern (COCs) at the Site. The following is a summary of the conclusions regarding COCs and associated media identified by START at the Site that are addressed in this cost estimate:

Asbestos Containing Material (ACM)

Of the 65 samples submitted for laboratory analysis, a total of 14 samples were determined to be "positive" (>1% asbestos) for asbestos. The following table indicates the locations and estimated extent of ACM identified at the Site.

ACM	Estimated Volume / Extent (Approximate)	Location
Duct Insulation	25 sq. ft.	Attic
Drywall	550 sq. ft.	Second Floor
Light Insulation	40 sq. ft.	First and Second Floors
Linoleum	1,130 sq. ft.	First and Second Floors
Pipe Insulation	55 LF	Crawlspace and First Floor
Pipe Insulation Debris	4,500 sq. ft.	Crawlspace
Plaster	50 sq. ft.	First Floor

ACM	Estimated Volume / Extent (Approximate)	Location
Window Caulk	5,000 LF	Second Floor

Notes:
LF = linear feet
sq. ft. = square feet

The location of ACM identified at the Site is presented in Figures 3 – 5. Based on the results of the ACM survey, asbestos is present in the building. ACM is considered to be a COC in relation to the Site.

Lead-Based Paint (LBP)

Based on the X-ray fluorescence (XRF) results, elevated lead concentrations are present on the ceiling, walls, door frames, and exterior window components. The following table lists the location, current surface paint color, and estimated extent of LBP present at the Site. Although there were positive readings on the exterior, no bare soil (i.e. soil or sand not covered by grass, sod, other live ground covers, wood chips, gravel, artificial turf, or similar covering) was present around the dripline; therefore, lead-in-soil was not assessed.

Location	Current Surface Paint Color	Estimated Extent
First Floor		
Ceiling	Cream	3,100 sq. ft.
	Light Blue	40 sq. ft.
	White	50 sq. ft.
Wall	Coral	480 sq. ft.
	Cream	6,000 sq. ft.
	Gold	700 sq. ft.
	Green	200 sq. ft.
	Light Blue	260 sq. ft.
	Pink	390 sq. ft.
	Yellow	230 sq. ft.
First Floor Hall		
Ceiling	Cream	780 sq. ft.
Wall	Cream	2,800 sq. ft.

Location	Current Surface Paint Color	Estimated Extent
Second Floor		
Ceiling	Cream	670 sq. ft.
	White	2,050 sq. ft.
Door Frame	Green	15 sq. ft.
Wall	Blue	1,300 sq. ft.
	Coral	1,700 sq. ft.
	Cream	3,000 sq. ft.
	Green	750 sq. ft.
	Light Gray	250 sq. ft.
	White	550 sq. ft.
	Yellow	1,200 sq. ft.
Second Floor Hall		
Ceiling	Cream	950 sq. ft.
Wall	Cream	2,800 sq. ft.
Exterior		
Window Frame	Green	500 sq. ft.
Window Sash	Green	100 sq. ft.

Notes:
sq. ft. = square feet

The location of LBP identified at the Site is presented in Figures 6 and 7. Based on the results of the XRF survey, LBP is present in the building. LBP is considered to be a COC in relation to the Site.

1.2 Proposed Future Use of Site

The building was listed as a contributing property to the Montana State Training School Historic District, on the National Register of Historic Places, in 2014. Jefferson Local Development Corporation (JLDC) is interested in redeveloping the Site for residential or commercial use.

2.0 COST ESTIMATES FOR CLEANUP

START recommends contracting an accredited asbestos remediation company to determine appropriate remedial and/or Operations and Maintenance (O&M) actions to address the ACM at the Site during the cleanup phase of redevelopment.

START recommends contracting an accredited lead remediation company to determine appropriate remedial actions to address the LBP at the Site during the cleanup phase of redevelopment (e.g., dust control, encapsulation, chemical stripping, removal, etc.). It is recommended that LBP procedures and regulations applicable to remediation project design and implementation such as EPA's Renovation, Repair, and Painting (RRP) Rule and United States Department of Housing and Urban Development (HUD) *Guidelines for the Evaluation and Control of Lead- Based Paint Hazards in Housing* (2012 edition) (HUD, 2012) be followed, as applicable. An EPA Lead-Safe certified firm would be recommended.

Presented below are the conceptual costs (not intended for budgetary estimates) to remediate the COCs at the Site. Conceptual costs were determined based upon information obtained from *RS Means Building Construction Cost Data 2018* (RS Means, 2018). Actual bids from companies to perform the work may vary from this estimate depending on local conditions and other factors outside of the assessor's knowledge. Final design specifications, features, and cost of the actual remedy will need to be developed by a certified contractor prior to beginning cleanup and may differ from the conceptual design presented. Since actual redevelopment plans for the Site have not been decided, conceptual cost estimates for two potential options were created.

- **Option #1: Building Renovation with ACM Abatement and LBP Remediation**
- **Option #2: Building Renovation with ACM Abatement, Crawlspace O&M, and LBP Remediation**

Details for costs associated with these two options, including assumptions made, are presented in the following sections.

2.1 Option #1: Building Renovation with ACM Abatement and LBP Remediation

2.1.1 ACM Remediation

The following table summarizes the estimated conceptual costs to abate and dispose of the ACM at the Site as presented in Section 1.1 in order to mitigate current and/or future exposure risk. A detailed cost estimate breakdown is presented on Table 3.

Contaminant Remediation Tasks	Remediation Cost
ACM Abatement and Disposal	$104,615.09
20% Contingency	$20,923.02

Contaminant Remediation Tasks	Remediation Cost
Total	**$125,538.11**

Assumptions made when creating the cost estimate include:

- All ACM will be removed and disposed of from the Site (none will be left in place).
- ACM would be disposed of at the Valley View Landfill in East Helena, MT.

2.1.2 LBP Encapsulation

The following table summarizes the estimated conceptual costs to encapsulate LBP at the Site in order to mitigate current and/or future exposure risk. A detailed cost estimate breakdown is presented on Table 3.

Contaminant Remediation Tasks	Remediation Cost
LBP Encapsulation	$54,784.94
20% Contingency	$10,956.99
Total	**$65,741.93**

Assumptions made when creating the cost estimate include:

- All LBP would be encapsulated.
- Due to the poor condition of the LBP observed in the building, it is assumed that the substrate would be adequately prepared prior to encapsulation, as per HUD specifications. This preparation is included in the estimate.
- It is assumed that the lead dust present from paint chips will also be vacuumed using a high-efficiency particulate air filter during the ACM remediation or the LBP encapsulation.

2.2 Option #2: Building Renovation with ACM Abatement, Crawlspace O&M, and LBP Remediation

2.2.2 ACM Abatement and Crawlspace O&M

The following table summarizes the estimated conceptual costs to abate and dispose of the ACM at the Site, presented in Section 1.1; with the exception of the crawlspace debris, which would be left in place, and an operations and maintenance plan created in order to mitigate current and/or future exposure risk. A detailed cost estimate breakdown is presented on Table 4.

Contaminant Remediation Tasks	Remediation Cost
ACM Abatement and Crawlspace O&M	$27,520.85
20% Contingency	$5,504.17
Total	**$33,025.01**

Assumptions made when creating the cost estimate include:

- ACM contaminated soils in the crawlspace would be sealed off using a vapor barrier.
- All remaining ACM will be removed and disposed of from the Site (none will be left in place).
- ACM would be disposed of at the Valley View Landfill in East Helena, MT.

2.2.2 LBP Remediation

LBP remediation costs for Option #2 are anticipated to be the same as Option #1, as previously presented in Section 2.1.2.

2.3 Cost Estimate for Cleanup Total

Actual bids from companies to perform the work may vary from this estimate depending on local conditions and other factors outside of the assessor's knowledge. Final design specifications, features, and cost of the actual remedy may differ from the conceptual design presented. The following tables summarize the total estimated conceptual costs to renovate the building with remediation of all ACM and LBP or remediation of ACM but O&M of the remaining crawlspace ACM and remediation of all LBP at the Site.

Option #1: ACM Abatement and LBP Remediation

Task Description	Estimated Cost
ACM Abatement and Disposal	$125,538.11
LBP Encapsulation	$65,741.93
Total Estimated Cost	**$191,280.04**

Option #2: ACM Abatement, Crawlspace O&M, and LBP Remediation

Task Description	Estimated Cost
ACM Abatement and Crawlspace O&M	$33,025.01
LBP Encapsulation	$65,741.93
Total Estimated Cost	**$98,766.94**

3.0 REFERENCES

EPA, 2018. Technical Direction Document (TDD) 0003/1808-05.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
EPA, 2018	Guidance	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

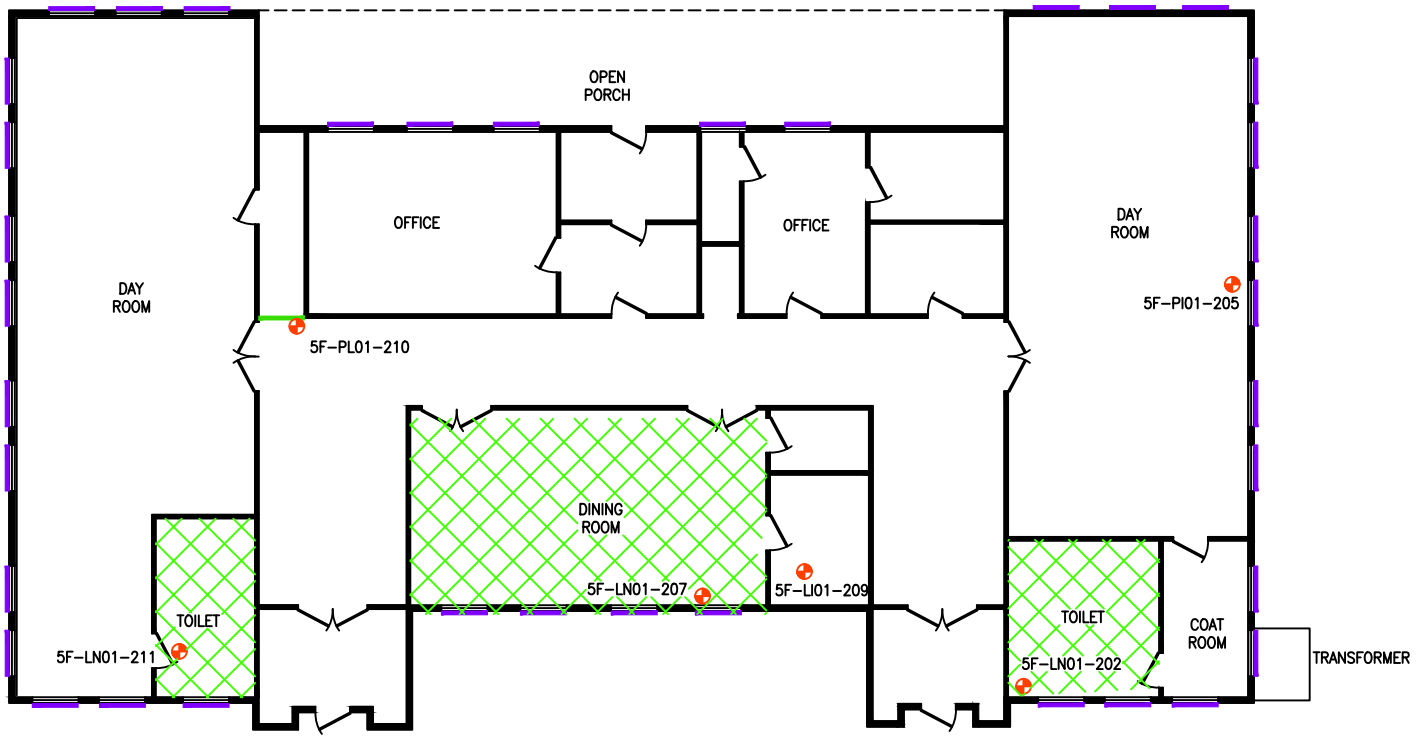
RS Means, 2018. *Building Construction Cost Data 76th Annual Edition.* Norwell, Massachusetts.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
RS Means, 2018	Guidance	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

Weston Solutions, Inc. (WESTON), 2018. *Phase II Environmental Site Assessment for South Campus MT Training School – Cottage #5 Venture Way, Boulder, Jefferson County, Montana Revision 1.* December 2018.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
WESTON, 2018	Guidance	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

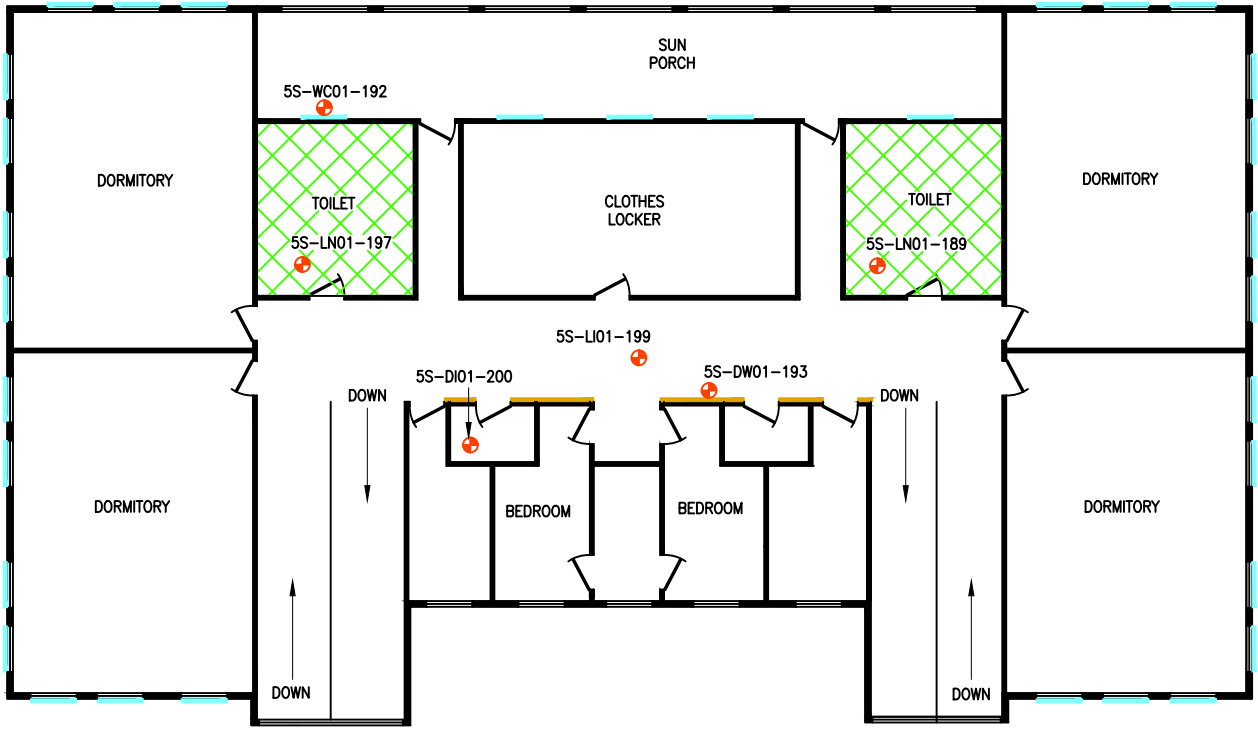
FIGURES (SELECT FROM PHASE II ESA)



Contract No.: EP-S8-13-01 TDD: 1808-05 TO: 0003	Prepared By: Weston Solutions, Inc. START IV Suite 100 1435 Garrison Street Lakewood, CO 80215	ACM SAMPLE LOCATION AND EXTENT SOUTH CAMPUS MT STATE TRAINING SCHOOL BUILDING 5 – MAIN FLOOR ASBESTOS SURVEY	DATE: 11/26/18 SCALE: N.T.S.	Figure 3

LEGEND:

- ACM — ASBESTOS CONTAINING MATERIAL
- ACM SAMPLE LOCATION (APPROXIMATE)
- ACM LINOLEUM EXTENT
- ACM DRYWALL EXTENT
- ACM WINDOW CAULK EXTENT



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START IV
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ACM SAMPLE LOCATION AND EXTENT
SOUTH CAMPUS MT STATE TRAINING SCHOOL
BUILDING 5 – SECOND FLOOR
ASBESTOS SURVEY

DATE: 11/26/18

SCALE: N.T.S.

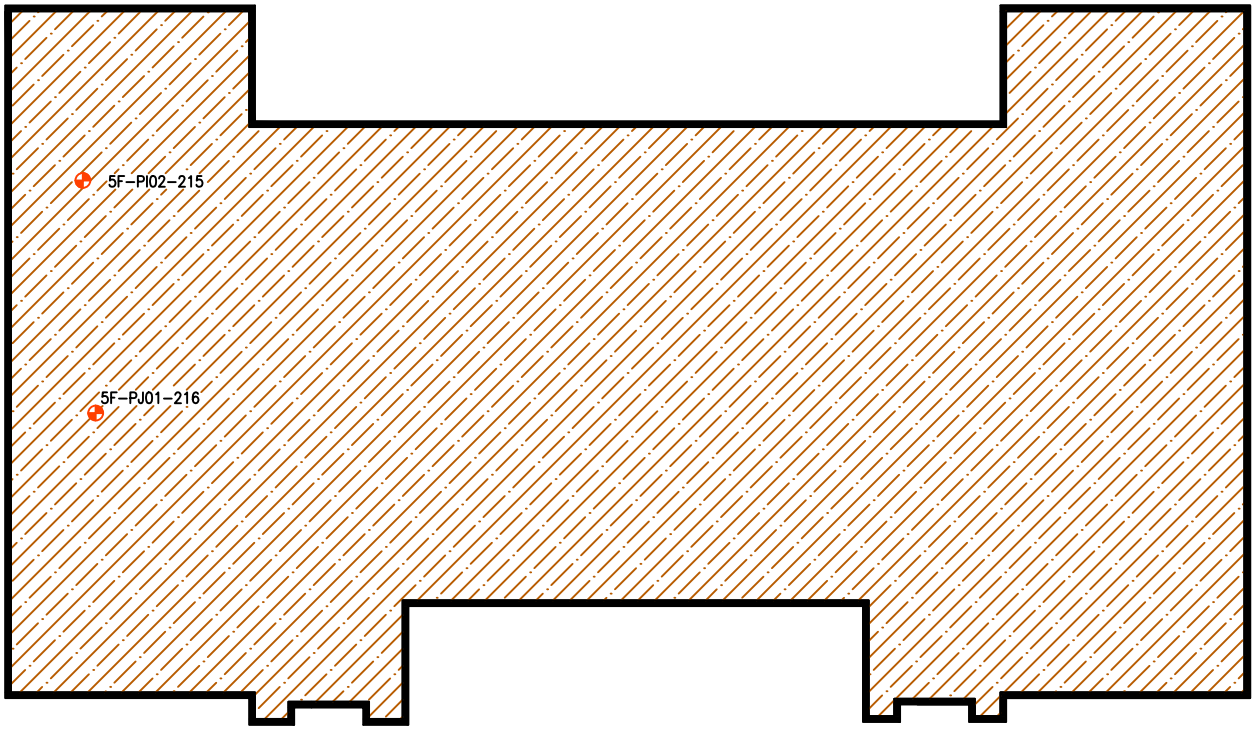
Figure 4

LEGEND:

ACM ASBESTOS CONTAINING MATERIAL

ACM SAMPLE LOCATION (APPROXIMATE)

ACM PIPE INSULATION DEBRIS



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Suite 100
1435 Garrison Street
Lakewood, CO 80215

ACM SAMPLE LOCATION AND EXTENT
SOUTH CAMPUS MT STATE TRAINING SCHOOL
BUILDING 5 – CRAWL SPACE
ASBESTOS SURVEY

DATE: 11/26/18

SCALE: N.T.S.

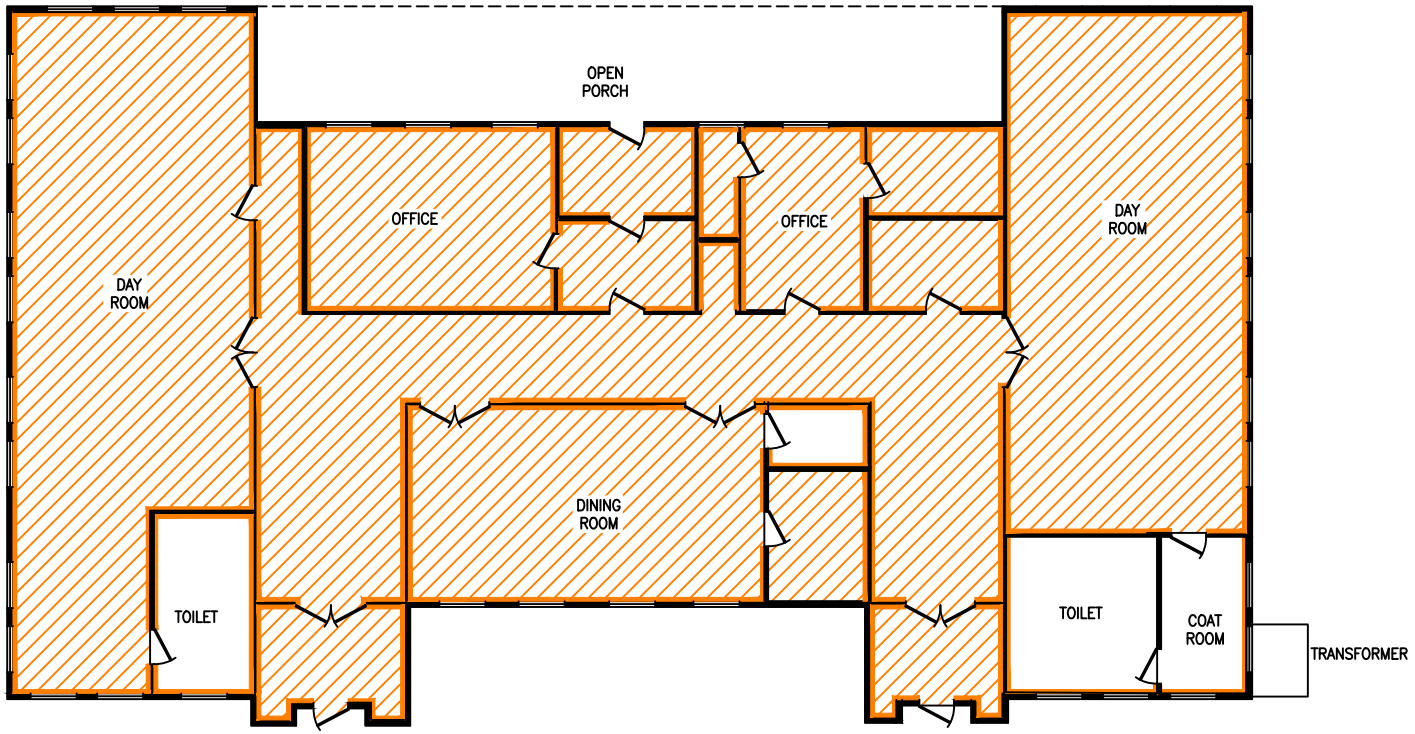
Figure 5

LEGEND:

LBP LEAD BASED PAINT

LEAD BASED PAINT

LEAD BASED PAINT



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START IV
Suite 100
1435 Garrison Street
Lakewood, CO 80215

LBP LOCATION AND EXTENT
SOUTH CAMPUS MT STATE TRAINING SCHOOL
BUILDING 5 – MAIN FLOOR
LEAD BASED PAINT SURVEY

DATE: 11/26/18

SCALE: N.T.S.

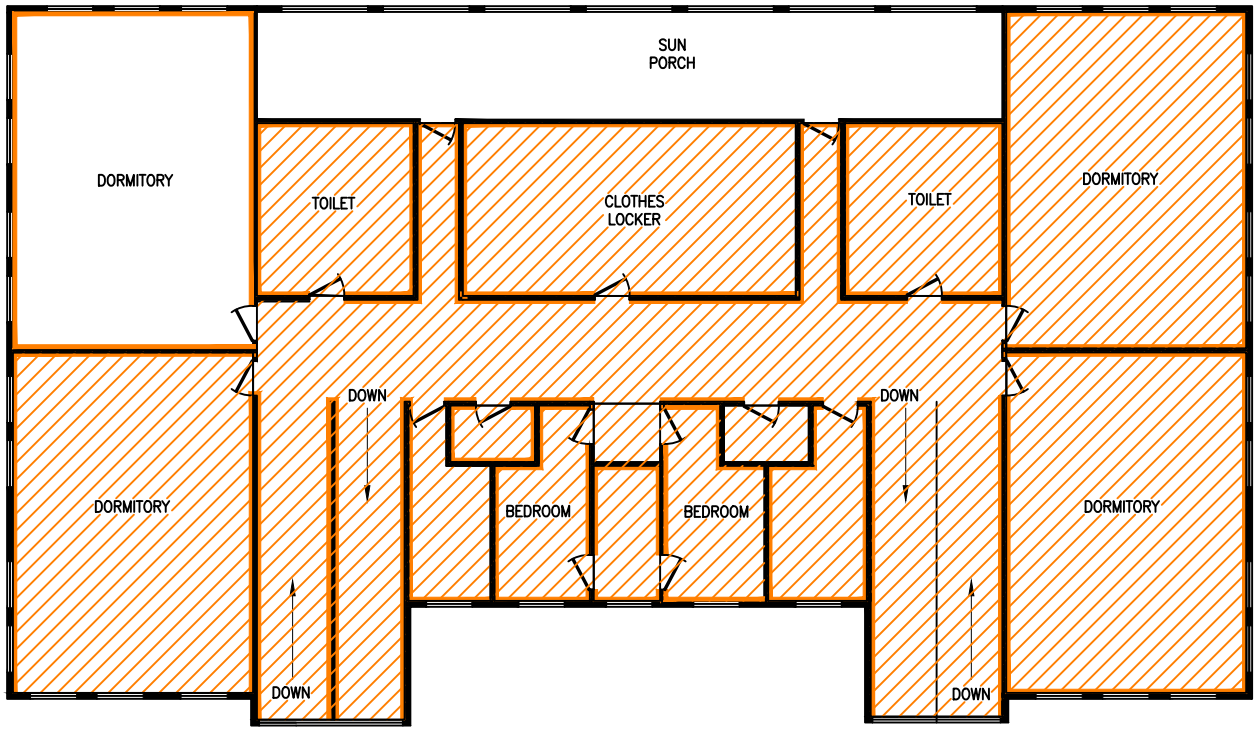
Figure 6

LEGEND:

LBP LEAD BASED PAINT

LEAD BASED PAINT

LEAD BASED PAINT



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1435 Garrison Street
Lakewood, CO 80215

LBP LOCATION AND EXTENT
SOUTH CAMPUS MT STATE TRAINING SCHOOL
BUILDING 5 – SECOND FLOOR
LEAD BASED PAINT SURVEY

DATE:
11/26/18

SCALE:
N.T.S.

Figure
7

TABLES

Table 1
ACM Sample Results and Estimated Volumes

Sample ID	Physical Description	ACM Layer	Asbestos Type and Percent Composition (by PLM Method)	Point Count Method Result	Estimated Volume
Building 5 Second Floor					
5S-LN01-189	Linoleum	A - White/gray flooring w/ gray fibrous backing material	Chrysotile 15%	--	100 sq. ft.
5S-WC01-192	Window Caulk	A - Gray caulk	Chrysotile 3%	2.00	5,000 LF
5S-DW01-193	Drywall	A - White compound w/ yellow/red paint	Chrysotile 2%	1.25	550 sq. ft.
5S-LN01-197	Linoleum	A - White/gray flooring w/ gray fibrous backing material & yellow mastic	Chrysotile 15%	--	100 sq. ft.
5S-LI01-199	Light Insulation	A - Off white fibrous material w/ silver foil	Chrysotile 65%	--	14 sq. ft.
5S-DI01-200	Duct Insulation	A - Silver paint	Chrysotile Trace	--	25 sq. ft.
		C - Brown fibrous material	Chrysotile 60%	--	
Building 5 First Floor					
5F-LN01-202	Linoleum	A - Gray/white flooring w/ gray fibrous backing material & yellow mastic	Chrysotile 15%	--	100 sq. ft.
5F-PI01-205	Pipe Insulation	A - White insulation	Chrysotile 12%	--	5 LF
5F-LN01-207	Linoleum	A - Green flooring w/ gray fibrous backing material & yellow mastic	Chrysotile 15%	--	730 sq. ft.
5F-LI01-209	Light Insulation	A - Off white fibrous material w/ silver foil	Chrysotile 65%	--	26 sq. ft.
5F-PL01-210	Plaster	B - White compound w/ yellow/tan paint	Chrysotile 4%	2.75	50 sq. ft.
5F-LN01-211	Linoleum	A - Gray/white flooring w/ gray fibrous backing material & yellow mastic	Chrysotile 15%	--	100 sq. ft.
Building 5 Crawlspace					
5F-PI02-215	Pipe Insulation	A - Off white insulation	Chrysotile 80%	--	50 LF
5F-PJ01-216	Pipe Joint	A - Gray insulation	Chrysotile 20%	--	4,500 sq. ft.

Table 2
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
XRF - Calibration Checks									
3	8/5/2016	10:13:45	N/A	N/A	SRM 2570	N/A	WHITE	0	0
4	8/5/2016	10:14:16	N/A	N/A	SRM 2571	N/A	YELLOW	3.29	0.31
5	8/5/2016	10:14:41	N/A	N/A	SRM 2572	N/A	ORANGE	1.66	0.15
6	8/5/2016	10:15:11	N/A	N/A	SRM 2573	N/A	RED	1.13	0.07
7	8/5/2016	10:15:55	N/A	N/A	SRM 2574	N/A	GOLD	0.61	0.05
8	8/5/2016	10:16:37	N/A	N/A	SRM 2575	N/A	GREEN	0.29	0.06
160	8/5/2016	14:13:28	N/A	N/A	SRM 2570	N/A	WHITE	0	0
162	8/5/2016	14:15:45	N/A	N/A	SRM 2571	N/A	YELLOW	3.72	0.35
163	8/5/2016	14:16:18	N/A	N/A	SRM 2572	N/A	ORANGE	1.57	0.14
164	8/5/2016	14:16:43	N/A	N/A	SRM 2573	N/A	RED	1.08	0.05
165	8/5/2016	14:17:39	N/A	N/A	SRM 2574	N/A	GOLD	0.63	0.04
166	8/5/2016	14:18:31	N/A	N/A	SRM 2575	N/A	GREEN	0.28	0.06
252	8/5/2016	15:43:30	N/A	N/A	SRM 2570	N/A	WHITE	0	0
253	8/5/2016	15:43:56	N/A	N/A	SRM 2571	N/A	YELLOW	3.64	0.35
254	8/5/2016	15:44:22	N/A	N/A	SRM 2572	N/A	ORANGE	1.33	0.13
255	8/5/2016	15:44:50	N/A	N/A	SRM 2573	N/A	RED	1.01	0.05
256	8/5/2016	15:45:49	N/A	N/A	SRM 2574	N/A	GOLD	0.68	0.09
257	8/5/2016	15:46:17	N/A	N/A	SRM 2575	N/A	GREEN	0.33	0.05
Screening Results									
9	**8/5/2016**	**10:21:47**	**EXTERIOR**	**N/A**	**WINDOW FRAME**	**WOOD**	**GREEN**	**3.35**	**0.28**
10	8/5/2016	10:22:18	EXTERIOR	N/A	WINDOW SASH	WOOD	GREEN	0.82	0.07
11	**8/5/2016**	**10:23:54**	**EXTERIOR**	**N/A**	**WINDOW SASH**	**WOOD**	**GREEN**	**2.63**	**0.24**
12	**8/5/2016**	**10:33:58**	**2ND FLOOR**	**room A**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.1**
13	**8/5/2016**	**10:34:18**	**2ND FLOOR**	**room A**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.06**
14	**8/5/2016**	**10:34:48**	**2ND FLOOR**	**room A**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.06**
15	**8/5/2016**	**10:35:42**	**2ND FLOOR**	**room A**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.11**
16	8/5/2016	10:36:31	2ND FLOOR	room A	WINDOW FRAME	WOOD	CREAM	0.19	0.05
17	8/5/2016	10:36:53	2ND FLOOR	room A	WINDOW SASH	WOOD	CREAM	0.14	0.04
18	8/5/2016	10:37:19	2ND FLOOR	room A	WINDOW SILL	WOOD	CREAM	0.34	0.08
19	8/5/2016	10:38:32	2ND FLOOR	room A	TRIM	PLASTER	DK BROWN	0.11	0.02
20	8/5/2016	10:44:09	2ND FLOOR	room A	CEILING	WOOD	CREAM	0	0
21	**8/5/2016**	**10:44:32**	**2ND FLOOR**	**room A**	**CEILING**	**PLASTER**	**CREAM**	**1**	**0.02**
22	8/5/2016	10:46:09	2ND FLOOR	room A	DOOR FRAME	WOOD	GREEN	0.08	0.03
23	8/5/2016	10:46:40	2ND FLOOR	room A	DOOR	WOOD	CREAM	0.11	0.04
24	**8/5/2016**	**10:47:25**	**2ND FLOOR**	**room B**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.06**
25	**8/5/2016**	**10:47:51**	**2ND FLOOR**	**room B**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.05**
26	**8/5/2016**	**10:48:22**	**2ND FLOOR**	**room B**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.06**
27	8/5/2016	10:49:00	2ND FLOOR	room B	WALL	PLASTER	CREAM	0.42	0.09
28	**8/5/2016**	**10:49:21**	**2ND FLOOR**	**room B**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.05**
29	8/5/2016	10:50:36	2ND FLOOR	room B	WINDOW FRAME	WOOD	YELLOW	0.19	0.03
30	8/5/2016	10:51:04	2ND FLOOR	room B	WINDOW SASH	WOOD	YELLOW	0.23	0.04
31	8/5/2016	10:51:48	2ND FLOOR	room B	TRIM	CONCRETE	GRAY	0.12	0.02
32	**8/5/2016**	**10:53:25**	**2ND FLOOR**	**room B**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.07**
33	8/5/2016	10:54:32	2ND FLOOR	room B	DOOR FRAME	WOOD	YELLOW	0.11	0.03
34	8/5/2016	10:55:02	2ND FLOOR	room B	DOOR	WOOD	CREAM	0.13	0.05
35	**8/5/2016**	**10:55:57**	**2ND FLOOR**	**room C**	**WALL**	**PLASTER**	**CORAL**	**1**	**0.04**
36	**8/5/2016**	**10:56:25**	**2ND FLOOR**	**room C**	**WALL**	**PLASTER**	**CORAL**	**1**	**0.05**
37	**8/5/2016**	**10:56:53**	**2ND FLOOR**	**room C**	**WALL**	**PLASTER**	**CORAL**	**1**	**0.05**
38	**8/5/2016**	**10:57:36**	**2ND FLOOR**	**room C**	**WALL**	**PLASTER**	**CORAL**	**1**	**0.05**
39	**8/5/2016**	**10:58:16**	**2ND FLOOR**	**room C**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.06**
40	**8/5/2016**	**11:00:35**	**2ND FLOOR**	**room C**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.03**
41	8/5/2016	11:01:21	2ND FLOOR	room C	WINDOW FRAME	WOOD	WHITE	0.21	0.05

Table 2
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
42	8/5/2016	11:01:44	2ND FLOOR	room C	WINDOW SASH	WOOD	WHITE	0.19	0.04
43	8/5/2016	11:03:41	2ND FLOOR	room C	DOOR FRAME	WOOD	CORAL	0.09	0.03
44	**8/5/2016**	**11:08:21**	**2ND FLOOR**	**room D**	**DOOR FRAME**	**WOOD**	**GREEN**	**1.84**	**0.2**
45	8/5/2016	11:08:55	2ND FLOOR	room D	WINDOW SASH	WOOD	GREEN	0.45	0.05
46	8/5/2016	11:09:30	2ND FLOOR	room D	WINDOW SASH	WOOD	DK BROWN	0.06	0.02
47	8/5/2016	11:09:51	2ND FLOOR	room D	WINDOW FRAME	WOOD	DK BROWN	0.11	0.03
48	8/5/2016	11:11:25	2ND FLOOR	room D	CEILING	PLASTER	WHITE	0.16	0.16
49	**8/5/2016**	**11:13:14**	**2ND FLOOR**	**room E**	**WALL**	**PLASTER**	**BLUE**	**1**	**0.02**
50	8/5/2016	11:13:31	2ND FLOOR	room E	WALL	PLASTER	BLUE	0.04	0.03
51	**8/5/2016**	**11:13:49**	**2ND FLOOR**	**room E**	**WALL**	**PLASTER**	**BLUE**	**1**	**0.03**
52	8/5/2016	11:14:59	2ND FLOOR	room E	WALL	PLASTER	BLUE	0.02	0.01
53	8/5/2016	11:15:17	2ND FLOOR	room E	WALL	PLASTER	BLUE	0.02	0.01
54	8/5/2016	11:15:37	2ND FLOOR	room E	WALL	PLASTER	BLUE	0.02	0.02
55	8/5/2016	11:16:04	2ND FLOOR	room E	WALL	PLASTER	BLUE	0.53	0.07
56	**8/5/2016**	**11:16:53**	**2ND FLOOR**	**room E**	**WALL**	**PLASTER**	**BLUE**	**1**	**0.06**
57	**8/5/2016**	**11:18:29**	**2ND FLOOR**	**room E**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.04**
58	**8/5/2016**	**11:20:05**	**2ND FLOOR**	**room F**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.08**
59	**8/5/2016**	**11:21:00**	**2ND FLOOR**	**room F**	**WALL**	**PLASTER**	**CORAL**	**1**	**0.08**
60	**8/5/2016**	**11:21:21**	**2ND FLOOR**	**room F**	**WALL**	**PLASTER**	**CORAL**	**1**	**0.12**
61	**8/5/2016**	**11:21:56**	**2ND FLOOR**	**room F**	**WALL**	**PLASTER**	**CORAL**	**1**	**0.08**
62	**8/5/2016**	**11:22:16**	**2ND FLOOR**	**room F**	**WALL**	**PLASTER**	**CORAL**	**1**	**0.09**
63	8/5/2016	11:22:56	2ND FLOOR	room F	WINDOW FRAME	WOOD	WHITE	0.12	0.03
64	8/5/2016	11:23:19	2ND FLOOR	room F	WINDOW SASH	WOOD	WHITE	0.1	0.03
65	**8/5/2016**	**11:26:16**	**2ND FLOOR**	**room G**	**WALL**	**PLASTER**	**BLUE**	**1**	**0.1**
66	**8/5/2016**	**11:26:38**	**2ND FLOOR**	**room G**	**WALL**	**PLASTER**	**BLUE**	**1**	**0.07**
67	**8/5/2016**	**11:27:15**	**2ND FLOOR**	**room G**	**WALL**	**PLASTER**	**BLUE**	**1**	**0.07**
68	**8/5/2016**	**11:27:42**	**2ND FLOOR**	**room G**	**WALL**	**PLASTER**	**BLUE**	**1**	**0.05**
69	**8/5/2016**	**11:28:55**	**2ND FLOOR**	**room G**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.11**
70	8/5/2016	11:30:17	2ND FLOOR	room G	WINDOW FRAME	WOOD	WHITE	0.12	0.04
71	8/5/2016	11:30:48	2ND FLOOR	room G	DOOR FRAME	WOOD	WHITE	0.11	0.04
72	**8/5/2016**	**11:31:49**	**2ND FLOOR**	**room H**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.05**
73	**8/5/2016**	**11:32:10**	**2ND FLOOR**	**room H**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.04**
74	**8/5/2016**	**11:32:46**	**2ND FLOOR**	**room H**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.04**
75	**8/5/2016**	**11:33:21**	**2ND FLOOR**	**room H**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.04**
76	**8/5/2016**	**11:34:48**	**2ND FLOOR**	**room H**	**CEILING**	**PLASTER**	**CREAM**	**1**	**0.03**
77	8/5/2016	11:36:51	2ND FLOOR	room I	WALL	PLASTER	GREEN	0	0
78	8/5/2016	11:37:11	2ND FLOOR	room I	WALL	PLASTER	GREEN	0	0
79	**8/5/2016**	**11:37:28**	**2ND FLOOR**	**room I**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.06**
80	**8/5/2016**	**11:37:56**	**2ND FLOOR**	**room I**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.09**
81	**8/5/2016**	**11:38:38**	**2ND FLOOR**	**room I**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.07**
82	**8/5/2016**	**11:41:17**	**2ND FLOOR**	**room I**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.03**
83	8/5/2016	11:42:53	2ND FLOOR	room J	WALL	PLASTER	LT GRAY	0.22	0.02
84	**8/5/2016**	**11:43:36**	**2ND FLOOR**	**room J**	**WALL**	**PLASTER**	**LT GRAY**	**1**	**0.05**
85	**8/5/2016**	**11:43:56**	**2ND FLOOR**	**room J**	**WALL**	**PLASTER**	**LT GRAY**	**1**	**0.03**
86	**8/5/2016**	**11:44:39**	**2ND FLOOR**	**room J**	**WALL**	**PLASTER**	**LT GRAY**	**1**	**0.03**
87	8/5/2016	11:46:15	2ND FLOOR	room J	FLOOR	WOOD	GRAY	0.07	0.02
88	**8/5/2016**	**11:47:37**	**2ND FLOOR**	**room J**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.05**
89	**8/5/2016**	**11:49:22**	**2ND FLOOR**	**K**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.07**
90	8/5/2016	11:49:45	2ND FLOOR	K	WALL	PLASTER	WHITE	0.24	0.07
91	**8/5/2016**	**11:50:07**	**2ND FLOOR**	**K**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.12**
92	**8/5/2016**	**11:50:25**	**2ND FLOOR**	**K**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.07**
93	**8/5/2016**	**11:51:00**	**2ND FLOOR**	**K**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.05**
94	**8/5/2016**	**11:54:10**	**2ND FLOOR**	**L**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.03**

Table 2
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
95	8/5/2016	11:54:29	2ND FLOOR	L	WALL	PLASTER	CREAM	0.11	0.05
96	**8/5/2016**	**11:54:48**	**2ND FLOOR**	**L**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.04**
97	**8/5/2016**	**11:55:13**	**2ND FLOOR**	**L**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.07**
98	8/5/2016	11:55:40	2ND FLOOR	L	WALL	PLASTER	CREAM	0.07	0.02
99	**8/5/2016**	**11:55:59**	**2ND FLOOR**	**L**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.04**
100	8/5/2016	11:57:05	2ND FLOOR	L	CEILING	PLASTER	CREAM	0.08	0.04
101	8/5/2016	11:57:24	2ND FLOOR	L	CEILING	PLASTER	CREAM	0.04	0.01
102	8/5/2016	11:59:10	2ND FLOOR	L	BUILT-IN	WOOD	GREEN	0.18	0.04
103	8/5/2016	12:00:00	2ND FLOOR	M	WALL	PLASTER	CREAM	0	0
104	**8/5/2016**	**12:00:16**	**2ND FLOOR**	**M**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.03**
105	**8/5/2016**	**12:01:05**	**2ND FLOOR**	**M**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.06**
106	8/5/2016	12:01:37	2ND FLOOR	M	WALL	PLASTER	GREEN	0.05	0.02
107	8/5/2016	12:01:51	2ND FLOOR	M	WALL	PLASTER	GREEN	0.07	0.02
108	**8/5/2016**	**12:05:37**	**2ND FLOOR**	**M**	**CEILING**	**PLASTER**	**CREAM**	**1**	**0.03**
109	**8/5/2016**	**12:07:14**	**2ND FLOOR**	**N**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.08**
110	8/5/2016	12:07:36	2ND FLOOR	N	WALL	PLASTER	CREAM	0.35	0.03
111	**8/5/2016**	**12:08:19**	**2ND FLOOR**	**N**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.06**
112	8/5/2016	12:08:47	2ND FLOOR	N	WALL	PLASTER	CREAM	0.17	0.06
113	**8/5/2016**	**12:09:11**	**2ND FLOOR**	**N**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.04**
114	**8/5/2016**	**12:09:46**	**2ND FLOOR**	**N**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.06**
115	8/5/2016	12:12:21	2ND FLOOR	N	CEILING	PLASTER	CREAM	0.06	0.03
116	8/5/2016	12:12:44	2ND FLOOR	N	CEILING	PLASTER	CREAM	0.17	0.08
117	**8/5/2016**	**12:13:34**	**2ND FLOOR**	**O**	**WALL**	**PLASTER**	**CORAL**	**1**	**0.04**
118	8/5/2016	12:14:16	2ND FLOOR	O	WALL	PLASTER	CORAL	0.12	0.03
119	8/5/2016	12:14:33	2ND FLOOR	O	WALL	PLASTER	CORAL	0.12	0.03
120	**8/5/2016**	**12:14:54**	**2ND FLOOR**	**O**	**WALL**	**PLASTER**	**CORAL**	**1**	**0.07**
121	**8/5/2016**	**12:15:18**	**2ND FLOOR**	**O**	**WALL**	**PLASTER**	**CORAL**	**1**	**0.03**
122	**8/5/2016**	**12:19:21**	**2ND FLOOR**	**O**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.05**
123	**8/5/2016**	**12:23:48**	**2ND FLOOR HALL**	**--**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.02**
124	**8/5/2016**	**12:24:30**	**2ND FLOOR HALL**	**--**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.03**
125	**8/5/2016**	**12:25:15**	**2ND FLOOR HALL**	**--**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.05**
126	8/5/2016	12:25:53	2ND FLOOR HALL	--	TRIM	WOOD	DK BROWN	0.11	0.04
127	**8/5/2016**	**12:27:35**	**2ND FLOOR HALL**	**--**	**CEILING**	**PLASTER**	**CREAM**	**1**	**0.06**
128	**8/5/2016**	**12:42:38**	**1ST FLOOR**	**room A**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.08**
129	**8/5/2016**	**12:43:03**	**1ST FLOOR**	**room A**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.04**
130	**8/5/2016**	**12:44:06**	**1ST FLOOR**	**room A**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.08**
131	**8/5/2016**	**12:44:48**	**1ST FLOOR**	**room A**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.03**
132	8/5/2016	12:45:43	1ST FLOOR	room A	WINDOW FRAME	WOOD	CREAM	0.06	0.03
133	8/5/2016	12:46:05	1ST FLOOR	room A	WINDOW SASH	WOOD	CREAM	0.09	0.03
134	8/5/2016	12:46:39	1ST FLOOR	room A	DOOR FRAME	WOOD	GREEN	0.21	0.04
135	8/5/2016	12:47:09	1ST FLOOR	room A	DOOR	WOOD	CREAM	0.56	0.12
136	**8/5/2016**	**12:48:19**	**1ST FLOOR**	**room A**	**CEILING**	**PLASTER**	**CREAM**	**1**	**0.02**
137	**8/5/2016**	**12:50:15**	**1ST FLOOR**	**room A**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.08**
138	8/5/2016	12:50:34	1ST FLOOR	room A	WALL	PLASTER	CREAM	0.3	0.06
139	**8/5/2016**	**12:50:54**	**1ST FLOOR**	**room A**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.07**
140	**8/5/2016**	**12:51:46**	**1ST FLOOR**	**room B**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.1**
141	**8/5/2016**	**12:52:08**	**1ST FLOOR**	**room B**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.07**
142	**8/5/2016**	**12:52:49**	**1ST FLOOR**	**room B**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.05**
143	8/5/2016	12:53:08	1ST FLOOR	room B	WALL	PLASTER	CREAM	0.13	0.06
144	**8/5/2016**	**12:53:27**	**1ST FLOOR**	**room B**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.04**
145	8/5/2016	12:55:15	1ST FLOOR	room B	CEILING	PLASTER	CREAM	0.2	0.06
146	8/5/2016	12:55:41	1ST FLOOR	room B	CEILING	PLASTER	CREAM	0.14	0.04
147	8/5/2016	12:56:27	1ST FLOOR	room B	DOOR FRAME	WOOD	CREAM	0	0

Table 2
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
148	8/5/2016	12:57:00	1ST FLOOR	room B	DOOR	WOOD	CREAM	0.11	0.04
149	8/5/2016	12:57:34	1ST FLOOR	room B	WALL	PLASTER	GREEN	0.34	0.08
150	8/5/2016	12:59:46	1ST FLOOR	room C	WALL	PLASTER	CREAM	1	0.07
151	8/5/2016	13:00:05	1ST FLOOR	room C	WALL	PLASTER	CREAM	1	0.08
152	8/5/2016	13:00:30	1ST FLOOR	room C	WALL	PLASTER	CREAM	1	0.07
153	8/5/2016	13:00:51	1ST FLOOR	room C	WALL	PLASTER	CREAM	0.32	0.08
154	8/5/2016	13:01:14	1ST FLOOR	room C	WALL	PLASTER	CREAM	1	0.08
155	8/5/2016	13:02:42	1ST FLOOR	room C	CEILING	PLASTER	CREAM	1	0.09
156	8/5/2016	13:03:25	1ST FLOOR	room C	WINDOW FRAME	WOOD	GREEN	0.08	0.03
157	8/5/2016	13:03:49	1ST FLOOR	room C	WINDOW SASH	WOOD	GREEN	0.16	0.06
158	8/5/2016	13:04:19	1ST FLOOR	room C	DOOR FRAME	WOOD	GREEN	0.24	0.09
159	8/5/2016	13:07:37	1ST FLOOR	room C	DOOR	WOOD	YELLOW	0.16	0.04
167	8/5/2016	14:23:44	1ST FLOOR	room D	WALL	PLASTER	CREAM	1	0.07
168	8/5/2016	14:24:19	1ST FLOOR	room D	WALL	PLASTER	CREAM	1	0.07
169	8/5/2016	14:24:40	1ST FLOOR	room D	WALL	PLASTER	CREAM	1	0.06
170	8/5/2016	14:25:03	1ST FLOOR	room D	WALL	PLASTER	CREAM	1	0.08
171	8/5/2016	14:25:59	1ST FLOOR	room D	DOOR FRAME	WOOD	CREAM	0.12	0.03
172	8/5/2016	14:26:28	1ST FLOOR	room D	DOOR	WOOD	CREAM	0.15	0.04
173	8/5/2016	14:27:18	1ST FLOOR	room D	CEILING	PLASTER	CREAM	1	0.03
174	8/5/2016	14:28:53	1ST FLOOR	room E	CEILING	PLASTER	CREAM	1	0.05
175	8/5/2016	14:29:22	1ST FLOOR	room E	WALL	PLASTER	CREAM	1	0.06
176	8/5/2016	14:29:44	1ST FLOOR	room E	WALL	PLASTER	CREAM	1	0.06
177	8/5/2016	14:30:11	1ST FLOOR	room E	WALL	PLASTER	CREAM	1	0.06
178	8/5/2016	14:30:47	1ST FLOOR	room E	WALL	PLASTER	CREAM	1	0.06
179	8/5/2016	14:34:13	1ST FLOOR	room F	WALL	PLASTER	CREAM	2.49	0.35
180	8/5/2016	14:34:38	1ST FLOOR	room F	WALL	PLASTER	CREAM	1	0.06
181	8/5/2016	14:35:12	1ST FLOOR	room F	WALL	PLASTER	YELLOW	1	0.13
182	8/5/2016	14:35:39	1ST FLOOR	room F	WALL	PLASTER	YELLOW	1	0.05
183	8/5/2016	14:36:57	1ST FLOOR	room F	WALL	PLASTER	CREAM	1	0.05
184	8/5/2016	14:37:34	1ST FLOOR	room F	WALL	PLASTER	CREAM	1	0.07
185	8/5/2016	14:38:07	1ST FLOOR	room F	WALL	PLASTER	CREAM	0.01	0.01
186	8/5/2016	14:38:23	1ST FLOOR	room F	WALL	PLASTER	CREAM	0.02	0.02
187	8/5/2016	14:38:47	1ST FLOOR	room F	WALL	PLASTER	CREAM	0.05	0.06
188	8/5/2016	14:40:03	1ST FLOOR	room F	WALL	PLASTER	CREAM	1	0.13
189	8/5/2016	14:41:07	1ST FLOOR	room F	WALL	PLASTER	CREAM	1	0.06
190	8/5/2016	14:42:19	1ST FLOOR	room F	CEILING	PLASTER	CREAM	0.09	0.04
191	8/5/2016	14:42:45	1ST FLOOR	room F	CEILING	PLASTER	CREAM	1	0.06
192	8/5/2016	14:43:53	1ST FLOOR	room F	CEILING	PLASTER	CREAM	1	0.03
193	8/5/2016	14:45:02	1ST FLOOR	room F	CEILING	PLASTER	CREAM	0.22	0.08
194	8/5/2016	14:45:24	1ST FLOOR	room F	CEILING	PLASTER	CREAM	0.3	0.09
195	8/5/2016	14:47:07	1ST FLOOR	room G	CEILING	PLASTER	CREAM	1	0.03
196	8/5/2016	14:47:50	1ST FLOOR	room G	WALL	PLASTER	CREAM	1	0.03
197	8/5/2016	14:49:09	1ST FLOOR	room G	WALL	PLASTER	CORAL	1	0.03
198	8/5/2016	14:49:47	1ST FLOOR	room G	WALL	PLASTER	CORAL	1	0.03
199	8/5/2016	14:50:47	1ST FLOOR	room G	WALL	PLASTER	CORAL	1	0.04
200	8/5/2016	14:51:18	1ST FLOOR	room G	WALL	PLASTER	CORAL	1	0.07
201	8/5/2016	14:52:08	1ST FLOOR	room G	WALL	PLASTER	LT BLUE	1	0.06
202	8/5/2016	14:52:29	1ST FLOOR	room G	WALL	PLASTER	LT BLUE	1	0.08
203	8/5/2016	14:52:51	1ST FLOOR	room G	WALL	PLASTER	LT BLUE	1	0.02
204	8/5/2016	14:53:45	1ST FLOOR	room G	WALL	PLASTER	LT BLUE	1	0.06
205	8/5/2016	14:55:04	1ST FLOOR	room G	WALL	PLASTER	LT BLUE	0.3	0.03
206	8/5/2016	14:55:44	1ST FLOOR	room G	WALL	PLASTER	LT BLUE	1	0.06
207	8/5/2016	14:56:10	1ST FLOOR	room G	WALL	PLASTER	LT BLUE	1	0.04

Table 2
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
208	8/5/2016	14:57:50	1ST FLOOR	room G	WINDOW FRAME	WOOD	LT BLUE	0.08	0.02
209	8/5/2016	14:58:10	1ST FLOOR	room G	WINDOW SASH	WOOD	LT BLUE	0.06	0.02
210	8/5/2016	14:58:31	1ST FLOOR	room G	WINDOW SILL	WOOD	LT BLUE	0.08	0.03
211	8/5/2016	14:59:00	1ST FLOOR	room G	DOOR FRAME	WOOD	CREAM	0.08	0.03
212	8/5/2016	14:59:24	1ST FLOOR	room G	DOOR	WOOD	CREAM	0.12	0.03
213	**8/5/2016**	**15:00:33**	**1ST FLOOR**	**room G**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.05**
214	8/5/2016	15:01:24	1ST FLOOR	room G	CEILING	PLASTER	LT BLUE	0.12	0.04
215	**8/5/2016**	**15:01:41**	**1ST FLOOR**	**room G**	**CEILING**	**PLASTER**	**LT BLUE**	**1**	**0.06**
216	8/5/2016	15:02:55	1ST FLOOR	room H	WALL	PLASTER	PINK	0.06	0.03
217	8/5/2016	15:03:13	1ST FLOOR	room H	WALL	PLASTER	PINK	0.2	0.02
218	**8/5/2016**	**15:03:59**	**1ST FLOOR**	**room H**	**WALL**	**PLASTER**	**PINK**	**1**	**0.04**
219	8/5/2016	15:04:29	1ST FLOOR	room H	WALL	PLASTER	PINK	0.06	0.03
220	**8/5/2016**	**15:04:46**	**1ST FLOOR**	**room H**	**WALL**	**PLASTER**	**PINK**	**1**	**0.04**
221	**8/5/2016**	**15:05:18**	**1ST FLOOR**	**room H**	**WALL**	**PLASTER**	**PINK**	**1**	**0.06**
222	**8/5/2016**	**15:06:32**	**1ST FLOOR**	**room H**	**CEILING**	**PLASTER**	**WHITE**	**1**	**0.03**
223	**8/5/2016**	**15:08:12**	**1ST FLOOR**	**room I**	**CEILING**	**PLASTER**	**CREAM**	**1**	**0.03**
224	**8/5/2016**	**15:09:11**	**1ST FLOOR**	**room I**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.04**
225	**8/5/2016**	**15:09:47**	**1ST FLOOR**	**room I**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.08**
226	**8/5/2016**	**15:10:23**	**1ST FLOOR**	**room I**	**WALL**	**PLASTER**	**GOLD**	**1**	**0.05**
227	**8/5/2016**	**15:11:05**	**1ST FLOOR**	**room I**	**WALL**	**PLASTER**	**GOLD**	**1**	**0.04**
228	**8/5/2016**	**15:12:52**	**1ST FLOOR**	**room J**	**WALL**	**PLASTER**	**PINK**	**1**	**0.03**
229	8/5/2016	15:13:38	1ST FLOOR	room J	WALL	PLASTER	PINK	0.21	0.02
230	8/5/2016	15:14:18	1ST FLOOR	room J	WALL	PLASTER	PINK	0.2	0.02
231	**8/5/2016**	**15:14:59**	**1ST FLOOR**	**room J**	**WALL**	**PLASTER**	**PINK**	**1**	**0.02**
232	8/5/2016	15:15:47	1ST FLOOR	room J	WALL	PLASTER	PINK	0.21	0.03
233	8/5/2016	15:16:28	1ST FLOOR	room J	WALL	PLASTER	PINK	0.06	0.03
234	8/5/2016	15:16:56	1ST FLOOR	room J	WALL	PLASTER	PINK	0.15	0.04
235	8/5/2016	15:27:50	1ST FLOOR	room J	CEILING	PLASTER	WHITE	0.07	0.01
236	8/5/2016	15:28:35	1ST FLOOR	room J	CEILING	PLASTER	WHITE	0.08	0.02
237	8/5/2016	15:30:18	1ST FLOOR	K	CEILING	PLASTER	CREAM	0.2	0.07
238	8/5/2016	15:30:52	1ST FLOOR	K	WALL	PLASTER	CREAM	0.12	0.03
239	**8/5/2016**	**15:31:08**	**1ST FLOOR**	**K**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.02**
240	**8/5/2016**	**15:31:54**	**1ST FLOOR**	**K**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.06**
241	8/5/2016	15:32:21	1ST FLOOR	K	WALL	PLASTER	CREAM	0.31	0.03
242	8/5/2016	15:33:53	1ST FLOOR	K	DOOR FRAME	WOOD	CREAM	0.01	0.01
243	8/5/2016	15:34:24	1ST FLOOR	K	WINDOW FRAME	WOOD	CREAM	0.11	0.03
244	8/5/2016	15:34:44	1ST FLOOR	K	WINDOW SASH	WOOD	CREAM	0.09	0.03
245	**8/5/2016**	**15:35:29**	**1ST FLOOR HALL**	**N/A**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.07**
246	**8/5/2016**	**15:35:49**	**1ST FLOOR HALL**	**N/A**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.05**
247	**8/5/2016**	**15:36:18**	**1ST FLOOR HALL**	**N/A**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.06**
248	8/5/2016	15:36:44	1ST FLOOR HALL	N/A	WALL	PLASTER	CREAM	0.36	0.03
249	**8/5/2016**	**15:37:27**	**1ST FLOOR HALL**	**N/A**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.07**
250	8/5/2016	15:38:05	1ST FLOOR HALL	N/A	TRIM	WOOD	DK BROWN	0.08	0.03
251	**8/5/2016**	**15:39:23**	**1ST FLOOR HALL**	**N/A**	**CEILING**	**PLASTER**	**CREAM**	**1**	**0.02**

Table 3

Cost Estimate:

Remediation of All ACM and Encapsulation of All LBP

Line Item (RS Means)	Item Description	Quantity	Unit	Crew	Daily Output	Hours	Factor	Unit Costs In Dollars			Total	Total with O&P	Item Total
								Mtrls	Labor	Equip			
ACM Removal and Disposal													
02.82.13.39.0200	Asbestos Abatement Remediation Plan	1	EA	--	--	--	1	--	--	--	1350	1475	$1,475.00
02.82.13.41.2000	Worker PPE for Hazardous Material (Body/Head) (4 in Crew/12 Days)	4	EA/Day	A-9	--	--	12	7.95	--	--	7.95	8.75	$420.00
02.82.13.41.2500	Worker PPE for Hazardous Material (Respirator)(4 in Crew)	4	EA	--	--	--	1	26	--	--	26	28.5	$114.00
02.82.13.41.2550	Worker PPE for Hazardous Material (Respirator Cart.)(4 in Crew/12 Days)	4	EA/Day	--	--	--	12	4.4	--	--	4.4	4.84	$232.32
02.82.13.41.1750	Vacuum cleaner, HEPA, 16 gal., stainless steel, wet/dry	1	EA	--	--	--	1	1100	--	--	1100	1200	$1,200.00
02.82.13.41.0250	Large Volume Air Sampling Pump, minimum (Per Day)	1	EA	--	--	--	12	315	-	--	315	345	$4,140.00
02.82.13.41.6500	Negative air machine	1	EA	--	--	--	1	860	--	--	860	950	$950.00
02.82.13.42.0900	Setup Negative Air Machine	1	EA	1 Asbestos	4.3	1.86	1	--	105	--	105	163	$163.00
02.82.13.42.0100	Pre-cleaning, HEPA vacuum and wet wipe, flat surfaces	5000	SF	A-9	12000	0.005	1	0.01	0.30	--	0.31	0.48	$2,400.00
02.82.13.42.0300	Separation Barrier (8 feet high)	200	SF	2 Carp	400	0.04	1	2.81	2.03	--	4.84	6.2	$1,240.00
02.82.13.42.0561	Cover surfaces with polyethylene sheeting (walls, 4 mil)	5000	SF	A-9	7000	0.009	1	0.03	0.52	--	0.55	0.83	$4,150.00
02.82.13.43.5000	Bulk Asbestos Removal (Linoleum and Mastic from by hand) - 1 Layer	1130	SF	A-9	2400	0.027	1	0.07	1.5	--	1.57	2.4	$2,712.00
02.82.13.43.0400	Bulk Asbestos removal (Duct Insulation)	25	SF	A-10B	440	0.073	1	0.18	4.1	--	4.28	6.55	$163.75
02.82.13.43.3000	Bulk Asbestos removal (cementitious material from flat surface (window caulk))	417	SF	A-9	1800	0.036	1	0.09	2	--	2.09	3.21	$1,338.57
02.82.13.44.0450	Demolition of asbestos gypsum partitions, boards, and studs	550	SF	A-9	1390	0.046	1	0.12	2.59	--	2.71	4.16	$2,288.00
02.82.13.44.0410	Demolition of asbestos plaster partitions, lath, and studs	50	SF	A-9	690	0.093	1	0.88	5.25	--	6.13	9.05	$452.50
02.82.13.43.0600	Bulk Asbestos Removal (pipe insulation, air cell type, up to 4" diameter pipe)	55	LF	A-9	900	0.071	1	0.18	4.01	--	4.19	6.4	$352.00
02.82.13.43.7000	Bulk Asbestos Removal (light insulation)	40	SF	A-9	1200	0.053	1	0.14	3.01	--	3.15	4.82	$192.80
02.82.13.43.6100	Bulk Asbestos removal (contaminated soil from crawlspace with large vacuum loader)	2250	CF	A-12	700	0.091	1	0.23	5.15	1.03	6.41	9.4	$21,150.00
Estimation	3rd Party Oversight for Asbestos Cleanup (1 Inspector / 1 Day)	8	Hour	1 Inspector	10	1	1	--	150	--	150	200	$1,600.00
02.82.13.45.1110	PCM air sample analysis, NIOSH 7400, maximum	1	Each	1 Asbestos	4	2	2	2.22	113	--	115.22	177	$354.00
02.82.13.47.0100	Collect and Bag Bulk Material, 3 C.F. bags, by Hand	786	EA	A-9	400	0.16	1	0.86	9	--	9.86	14.95	$11,750.70
02.82.13.47.1000	Double Bag and Decontaminant	786	EA	A-9	960	0.067	1	0.86	3.76	--	4.62	6.8	$5,344.80
02.82.13.47.3000	Cart Bags 50' to Dumpster	786	EA	2 Asbestos	400	0.04	1	--	2.25	--	2.25	3.5	$2,751.00
02.82.13.47.5020	Disposal ACM, maximum	87	CY	--	--	--	1	--	--	--	355	395	$34,365.00
02.81.20.10.1270*	Hazardous Waste Hauling Costs (25 CY maximum)	179	Mile	--	--	--	1	--	--	--	7.25	7.35	$1,315.65
N/A	Miscellaneous (additional plans, equip, preparations, testing, permitting, etc.)												$2,000.00
01.21.16.50.0020	Contingency (20%)												$20,923.02
	ACM Removal and Disposal												**$125,538.11**
LBP Remediation													
02.83.19.21.0200	Lead Abatement Remediation Plan	1	EA	--	--	--	1	--	--	--	1225	1350	$1,350.00
02.82.13.41.2000	Worker PPE for Hazardous Material (Body/Head)(4 in Crew/49 Days)	4	EA/Day	1 Pord	--	--	49	7.95	--	--	7.95	8.75	$1,715.00
02.82.13.41.2500	Worker PPE for Hazardous Material (Respirator)(4 in Crew)	4	EA	--	--	--	1	26	--	--	26	28.5	$114.00
02.82.13.41.2550	Worker PPE for Hazardous Material (Respirator Cart.)(4 in Crew/49 Days)	4	EA/Day	--	--	--	49	4.4	--	--	4.4	4.84	$948.64
09.91.03.40.0670	Interior Surface Preparation (Plaster ceiling and walls, medium wet sanding)	30000	SF	1 Pord	2160	0.004	1	--	0.16	--	0.16	0.24	$7,200.00
02.82.19.23.0220	Encapsulation of LBP (walls, roller, plaster)	22610	SF	1 Pord	1000	0.008	1	0.61	0.34	--	0.95	1.18	$26,679.80
02.82.19.23.0250	Encapsulation of LBP (ceilings, roller, plaster)	7640	SF	1 Pord	900	0.009	1	0.71	0.38	--	1.09	1.35	$10,314.00
02.82.19.21.0120	Encapsulation of LBP (Door frames)	2	EA	1 Pord	6	1.333	1	28.5	56.5	--	85	117	$234.00
02.82.19.23.0170	Encapsulation of LBP (windows, per side, per 15 SF, 1 to 6 lite)	7	EA	1 Pord	14	0.571	1	20	24.5	--	44.5	58.5	$409.50
02.82.19.23.0270	Encapsulation of LBP (Window Frames)	1000	LF	1 Pord	300	0.027	1	1.92	1.13	--	3.05	3.82	$3,820.00
N/A	Miscellaneous (additional plans, equip, preparations, testing, permitting, etc.)												$2,000.00
01.21.16.50.0020	Contingency (20%)												$10,956.99
	LBP Remediation												**$65,741.93**
ACM REMOVAL AND DISPOSAL WITH LBP REMEDIATION TOTAL													**$191,280.04**

Notes:

Source: RS Means Building Construction Cost Data 2016. 76th Annual Edition. Catalog # 60018

Disclaimer: This is only an estimate, actual costs may vary

ACM	Asbestos Containing Materials
CF	Cubic feet
CY	Cubic yards
EA	Each
Equip	Equipment
LF	Linear feet
Mtrls	Materials
N/A, --	Non-Applicable
O&P	Overhead and Profit
SF	Square feet
*	Converted Cost Per Mile to Cost per CY using factor (Based on 20 mile round trip)

Cost Estimate:

Remediation of ACM, Crawlspace Operations and Maintenance, and Encapsulation of All LBP

Table 4

Line Item (RS Means)	Item Description	Quantity	Unit	Crew	Daily Output	Hours	Factor	Unit Costs In Dollars			Total	Total with O&P	Item Total
								Mtrls	Labor	Equip			
ACM Removal and Crawlspace O&M													
02.82.13.39.0200	Asbestos Abatement Remediation Plan	1	EA	--	--	--	1	--	--	--	1350	1475	$1,475.00
Estimation	Asbestos O&M Plan	1	EA	--	--	--	1	--	--	--	1500	2000	$2,000.00
02.82.13.41.2000	Worker PPE for Hazardous Material (Body/Head) (4 in Crew/5 Days)	4	EA/Day	A-9	--	--	5	7.95	--	--	7.95	8.75	$175.00
02.82.13.41.2500	Worker PPE for Hazardous Material (Respirator)(4 in Crew)	4	EA	--	--	--	1	26	--	--	26	28.5	$114.00
02.82.13.41.2550	Worker PPE for Hazardous Material (Respirator Cart.)(4 in Crew/5 Days)	4	EA/Day	--	--	--	5	4.4	--	--	4.4	4.84	$96.80
02.82.13.41.1750	Vacuum cleaner, HEPA, 16 gal., stainless steel, wet/dry	1	EA	--	--	--	1	1100	--	--	1100	1200	$1,200.00
02.82.13.41.0250	Large Volume Air Sampling Pump, minimum (Per Day)	1	EA	--	--	--	5	315	-	--	315	345	$1,725.00
02.82.13.41.6500	Negative air machine	1	EA	--	--	--	1	860	--	--	860	950	$950.00
02.82.13.42.0900	Setup Negative Air Machine	1	EA	1 Asbestos	4.3	1.86	1	--	105	--	105	163	$163.00
02.82.13.42.0100	Pre-cleaning, HEPA vacuum and wet wipe, flat surfaces	3000	SF	A-9	12000	0.005	1	0.01	0.30	--	0.31	0.48	$1,440.00
02.82.13.42.0300	Separation Barrier (8 feet high)	200	SF	2 Carp	400	0.04	1	2.81	2.03	--	4.84	6.2	$1,240.00
02.82.13.42.0561	Cover surfaces with polyethylene sheeting (walls, 4 mil)	3000	SF	A-9	7000	0.009	1	0.03	0.52	--	0.55	0.83	$2,490.00
02.82.13.43.5000	Bulk Asbestos Removal (Linoleum and Mastic from by hand) - 1 Layer	1130	SF	A-9	2400	0.027	1	0.07	1.5	--	1.57	2.4	$2,712.00
02.82.13.43.0400	Bulk Asbestos removal (Duct Insulation)	25	SF	A-10B	440	0.073	1	0.18	4.1	--	4.28	6.55	$163.75
02.82.13.43.3000	Bulk Asbestos removal (cementitious material from flat surface (window caulk))	417	SF	A-9	1800	0.036	1	0.09	2	--	2.09	3.21	$1,338.57
02.82.13.44.0450	Demolition of asbestos gypsum partitions, boards, and studs	550	SF	A-9	1390	0.046	1	0.12	2.59	--	2.71	4.16	$2,288.00
02.82.13.44.0410	Demolition of asbestos plaster partitions, lath, and studs	50	SF	A-9	690	0.093	1	0.88	5.25	--	6.13	9.05	$452.50
02.82.13.43.0600	Bulk Asbestos Removal (pipe insulation, air cell type, up to 4" diameter pipe)	55	LF	A-9	900	0.071	1	0.18	4.01	--	4.19	6.4	$352.00
02.82.13.43.7000	Bulk Asbestos Removal (light insulation)	40	SF	A-9	1200	0.053	1	0.14	3.01	--	3.15	4.82	$192.80
07.26.10.10.1200	Polyethylene vapor barrier 10 mil	45	sq.	1 Carp	37	0.216	1	8.75	10.95	--	19.7	26.5	$1,192.50
Estimation	3rd Party Oversight for Asbestos Cleanup (1 Inspector / 1 Day)	8	Hour	1 Inspector	10	1	1	--	150	--	150	200	$1,600.00
02.82.13.45.1110	PCM air sample analysis, NIOSH 7400, maximum	1	Each	1 Asbestos	4	2	2	2.22	113	--	115.22	177	$354.00
02.82.13.47.0100	Collect and Bag Bulk Material, 3 C.F. bags, by Hand	38	EA	A-9	400	0.16	1	0.86	9	--	9.86	14.95	$568.10
02.82.13.47.1000	Double Bag and Decontaminant	38	EA	A-9	960	0.067	1	0.86	3.76	--	4.62	6.8	$258.40
02.82.13.47.3000	Cart Bags 50' to Dumpster	38	EA	2 Asbestos	400	0.04	1	--	2.25	--	2.25	3.5	$133.00
02.82.13.47.5020	Disposal ACM, maximum	4.2	CY	--	--	--	1	--	--	--	355	395	$1,659.00
02.81.20.10.1270*	Hazardous Waste Hauling Costs (25 CY maximum)	25.5	Mile	--	--	--	1	--	--	--	7.25	7.35	$187.43
N/A	Miscellaneous (additional plans, equip, preparations, testing, permitting, etc.)												$1,000.00
01.21.16.50.0020	Contingency (20%)												$5,504.17
	ACM Removal and Crawlspace O&M												**$33,025.01**
LBP Remediation													
02.83.19.21.0200	Lead Abatement Remediation Plan	1	EA	--	--	--	1	--	--	--	1225	1350	$1,350.00
02.82.13.41.2000	Worker PPE for Hazardous Material (Body/Head)(4 in Crew/49 Days)	4	EA/Day	1 Pord	--	--	49	7.95	--	--	7.95	8.75	$1,715.00
02.82.13.41.2500	Worker PPE for Hazardous Material (Respirator)(4 in Crew)	4	EA	--	--	--	1	26	--	--	26	28.5	$114.00
02.82.13.41.2550	Worker PPE for Hazardous Material (Respirator Cart.)(4 in Crew/49 Days)	4	EA/Day	--	--	--	49	4.4	--	--	4.4	4.84	$948.64
09.91.03.40.0670	Interior Surface Preparation (Plaster ceiling and walls, medium wet sanding)	30000	SF	1 Pord	2160	0.004	1	--	0.16	--	0.16	0.24	$7,200.00
02.82.19.23.0220	Encapsulation of LBP (walls, roller, plaster)	22610	SF	1 Pord	1000	0.008	1	0.61	0.34	--	0.95	1.18	$26,679.80
02.82.19.23.0250	Encapsulation of LBP (ceilings, roller, plaster)	7640	SF	1 Pord	900	0.009	1	0.71	0.38	--	1.09	1.35	$10,314.00
02.82.19.21.0120	Encapsulation of LBP (Door frames)	2	EA	1 Pord	6	1.333	1	28.5	56.5	--	85	117	$234.00
02.82.19.23.0170	Encapsulation of LBP (windows, per side, per 15 SF, 1 to 6 lite)	7	EA	1 Pord	14	0.571	1	20	24.5	--	44.5	58.5	$409.50
02.82.19.23.0270	Encapsulation of LBP (Window Frames)	1000	LF	1 Pord	300	0.027	1	1.92	1.13	--	3.05	3.82	$3,820.00
N/A	Miscellaneous (additional plans, equip, preparations, testing, permitting, etc.)												$2,000.00
01.21.16.50.0020	Contingency (20%)												$10,956.99
	LBP Remediation												**$65,741.93**
ACM REMOVAL AND DISPOSAL WITH LBP REMEDIATION TOTAL													**$98,766.94**

Notes:

Source: RS Means Building Construction Cost Data 2016. 76th Annual Edition. Catalog # 60018

Disclaimer: This is only an estimate, actual costs may vary

ACM	Asbestos Containing Materials
CF	Cubic feet
CY	Cubic yards
EA	Each
Equip	Equipment
LF	Linear feet
Mtrls	Materials
N/A, --	Non-Applicable
O&P	Overhead and Profit
SF	Square feet
sq	Square (100 SF)
*	Converted Cost Per Mile to Cost per CY using factor (Based on 20 mile round trip)

Montana Cadastral Ownership Data

Property Record Card

Summary

Primary Information

Property Category: RP
Subcategory: Government Property
Geocode: 51-1490-33-3-01-30-0000
Assessment Code: 0000002769
Primary Owner:
JEFFERSON COUNTY
PO BOX H
BOULDER, MT 59632-0249
PropertyAddress: VENTURE WAY
BOULDER, MT 59632
COS Parcel: 2B-1A
NOTE: See the Owner tab for all owner information
Certificate of Survey: COS F715A
Subdivision: SOUTH CAMPUS MINOR SUB
Legal Description:
SOUTH CAMPUS MINOR SUB, S33, T06 N, R04 W, Lot 2, ACRES 6.58, COS 255073, F897B
Last Modified: 10/3/2018 6:54:32 PM

General Property Information

Neighborhood: 251.009.A
Property Type: EP - Exempt Property
Living Units: 0
Levy District: 51-4456-7F1
Zoning:
Ownership %: 100
Linked Property:

Linked Property	Link Type	
51-1490-33-3-01-22-0000	8 - Split	View
51-1490-33-3-01-24-0000	8 - Split	View
51-1490-33-3-01-26-0000	8 - Split	View
51-1490-33-3-01-28-0000	8 - Split	View

Exemptions:
No exemptions exist for this property
Condo Ownership:
General: 0
Limited: 0

Property Factors

Topography:
Fronting:
Utilities:
Parking Type:
Access: 2
Parking Quantity:
Location:
Parking Proximity:

Land Summary

Land Type	Acres	Value
Grazing	0.000	00.00
Fallow	0.000	00.00
Irrigated	0.000	00.00
Continuous Crop	0.000	00.00
Wild Hay	0.000	00.00
Farmsite	0.000	00.00
ROW	0.000	00.00
NonQual Land	0.000	00.00

Documentation of Cost Share

Jefferson County Commission

118 W. Centennial

Post Office Box H

Boulder, Montana 59632-0249

(406) 225-4025 Voice / (406) 225-4148 Fax

Leonard Wortman, Chair Bob Mullen, Commissioner Cory Kirsch, Commissioner

January 29, 2019

Jefferson County Commission
PO Box H
Boulder, MT 59635

Subject: Matching Funds

To Whom It May Concern:

The Jefferson County Commission is applying for an EPA Multipurpose Grant for Building #5 and # 9 on the Boulder South Campus property and is committed to the $40,000 matching funds requirement if the project is selected.

The revitalization of the Boulder community to help recover from the loss of their major employer is county priority. The current vacant buildings create a community blight that hampers revitalization efforts and mitigation of the building hazards this grant could provide would open the door for redevelopment efforts in this historic district.

Sincerely,

Leonard Wortman

Leonard Wortman
Chair

OMB Number: 4040-0004
Expiration Date: 12/31/2019

Application for Federal Assistance SF-424

* 1. Type of Submission:	* 2. Type of Application:	* If Revision, select appropriate letter(s):
☐ Preapplication	☒ New	
☒ Application	☐ Continuation	* Other (Specify):
☐ Changed/Corrected Application	☐ Revision	

* 3. Date Received:	4. Applicant Identifier:
01/31/2019	

5a. Federal Entity Identifier:	5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:	7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Jefferson County

* b. Employer/Taxpayer Identification Number (EIN/TIN):	* c. Organizational DUNS:
(b) (6) [redacted]	

d. Address:

* Street1:	201 Centennial Street
Street2:	
* City:	Boulder
County/Parish:	
* State:	MT: Montana
Province:	
* Country:	USA: UNITED STATES
* Zip / Postal Code:	59632-0249

e. Organizational Unit:

Department Name:	Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:		* First Name:	Leonard
Middle Name:			
* Last Name:	Wortman		
Suffix:			

Title: Chair, Jefferson County Commission

Organizational Affiliation:

* Telephone Number:	406-225-4025	Fax Number:	

* Email: lwortman@jeffersoncount-mt.gov

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

B: County Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.818

CFDA Title:

Brownfields Assessment and Cleanup Cooperative Agreements

*** 12. Funding Opportunity Number:**

EPA-OLEM-OBLR-18-08

* Title:

FY19 GUIDELINES FOR BROWNFIELDS MULTIPURPOSE (MP) GRANTS

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Jefferson County Brownfields Multipurpose Grant - Montana State Training School

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: MT

* b. Program/Project: MT

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 07/01/2019

* b. End Date: 06/30/2021

18. Estimated Funding ($):

* a. Federal	618,305.00
* b. Applicant	40,000.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	658,305.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix:

* First Name: Leonard

Middle Name:

* Last Name: Wortman

Suffix:

* Title: Chair, Jefferson County Commission

* Telephone Number: 406-225-4025

Fax Number:

* Email: lwortman@jeffersoncounty-mt.gov

* Signature of Authorized Representative: Craig Erickson

* Date Signed: 01/31/2019